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U. S. DEPARTMENT OF AGRICULTURE  
MATCHLESS EARLY BEDDING TULIPS  
SEE PAGE 8

BULBS  
FOR  
AUTUMN PLANTING

*Stumpp & Walter Co.*

30 & 32 BARCLAY ST.  
NEW YORK





A Spring Display of blooming Narcissi, Tulips and other bulbs

## SPECIAL FREE DELIVERY

We will deliver all goods listed in our catalogue, except Spirea, Lily-of-Valley Clumps or Pips, Fertilizers, and goods listed on pages 44 to 56, inclusive, if your purchase amounts to One Dollar or over, when cash accompanies the order, via Express, Parcel Post or Freight, at our option, to your town or city, provided your home is within 500 miles of New York City.

## A WORD ABOUT QUALITY

Our business, whether in Seeds, Bulbs, Plants, Implements, Fertilizers, Insecticides or Poultry Supplies, has always been conducted with a view of supplying the finest quality that can be had.

Our growers of Bulbs in Holland, France, Bermuda, China and Japan realize that we are expert judges, that we pay highest market prices, which insures proper growing on their part, and that our personally conducted trials keep us properly informed as regards their stocks.

One of the principal features of our business is to keep always a display of seasonable goods at our spacious stores, and we welcome our patrons who come to New York to visit our establishment. You will find our clerks never too busy to talk with you about your wants, or make suggestions.

JULIAN H. WALTER, President  
 GEORGE G. STUMPP, Treasurer  
 WILLIAM A. SPERLING, Secretary

*Stumpp & Walter Co*  
 NEW YORK



# GIANT DARWIN TULIPS

## THE TULIP FOR EVERYBODY'S GARDEN

Whether you delight in having flowers with 2- to 3-foot stems for cutting during May, masses of color against the background of shrubs, or here and there in the herbaceous border, grouped in beds on the lawn or around the dwelling, no Tulips will provide such a wonderful display.

Everybody's flowers, because everybody can grow them, and many of the most beautiful varieties may now be had at a nominal price. For cultural directions and more extensive list of New and Rare Varieties see the following page.

## TWELVE FINE DARWINS

The following varieties have been listed on this page so as to give our patrons whose garden-space is limited a short list of these Tulips to select from.

**Baronne de la Tonnaye.** A long and beautiful flower; clear carmine-rose at the midrib, toning off to soft pink at the edges; base white, tinged blue. Excellent for early March forcing and just as fine for outdoor beds, where it keeps up a splendid show for a long time. Height 26 inches. Doz. 100 1,000 \$0 40 \$3 00 \$27 00

**Clara Butt.** Clear pink, flushed salmon-rose; good-sized flower of very handsome shape. The finest Darwin of its color. Exquisitely beautiful out-of-doors, and one of the best for pots if not forced too early. Height 21 inches. 50 3 50 30 00

**Dream.** Large flowers, perfect in form, on tall, strong stems; color rosy lilac and mauve, with claret-purple interior. Handsome in combination with the dark lavender and violet-colored varieties. Height 24 inches. 60 4 25 40 00

**Europe.** Deep, fiery crimson, white base. There is no more beautiful sight than a bed of this variety. Stems are of medium length; the flowers large and erect, with white base contrasting well when the flower is fully open. Height 22 inches. 60 4 00 38 00

**Glow.** Bright vermilion-scarlet, white base, with blue markings; good-sized flowers of distinct shape. An excellent scarlet for bedding and forcing. Height 20 in. 50 3 75 35 00

**Grand Maitre.** A distinct dark violet, white base with bluish sheen; large flower of refined form, borne on a strong, stiff stem. A splendid Darwin for contrasting. Height 24 inches. 60 4 00 38 00

**Gretchen (Margaret).** Pale rose ground, faintly flushed white, center white, marked blue—a very delicate color; flower globular in shape, borne on a strong stem. Splendid for forcing. Height 22 inches. 30 2 00 18 00

**Lantern.** Pale silvery lilac, passing into white, inside clear lilac, with white base; medium-sized flower of beautiful form, a light violet counterpart to Gretchen. Height 20 in. 40 3 00 28 00

**Philippe de Commynes.** A grand flower of dark, polished mahogany color, with a purple base. One of the best of the less expensive sorts in this color. Height 24 inches. 60 4 00 38 00

**Pride of Haarlem.** Magnificently formed flower of immense size, brilliant, deep salmon-rose, shaded scarlet, light blue base. This variety, perhaps the most widely known for its stately habit and glorious color, is unsurpassed for border or early forcing. Height 26 inches. 50 3 50 32 00

**The Sultan.** Rich maroon-black with blue base; small flower of fine form; a good Tulip among the darker sorts to plant with yellow Cottage Tulips. Excellent for forcing. Height 25 inches. 40 2 75 24 00

**White Queen (La Candeur).** Almost a pure white when mature; faintly blush-rose when first open. Excellent for borders and pots. Height 24 inches. 60 4 00 38 00

**COLLECTIONS** { 5 Bulbs each of 12 Varieties, 60 Bulbs, \$2.25  
10 Bulbs each of 12 Varieties, 120 Bulbs, 3.50  
25 Bulbs each of 12 Varieties, 300 Bulbs, 8.00







Darwin Tulips, planted one variety to each bed; the boxwood edging proves a splendid and effective setting

## NEW GIANT DARWIN TULIPS

For the herbaceous border, massed in clumps along the edge of shrubbery, or as cut-flowers for vases, these are conceded to be the superior of all the Tulips

The maddening craze for the Darwin Tulip is not due to fad or popular fancy, but rather to an awakened sense of appreciation of their majestic beauty. The rich, bright colors of the blooms, their somber tones, their many pale and more lovely colors, produced on strong, gigantic stems from 2 to 3 feet, all vie with one another and capture even the casual observer of spring-flowering bulbs. Once grown, the amateur becomes interested and soon becomes a fancier with a hoard of varieties, excusably jealous of every one he or she grows.

For the borders among other hardy flowers, in formal gardens in conjunction with Single Early Tulips, for isolated groupings against a background of shrubs, or for combinations of delicate colors for effects of contrast in the flower-garden, the Darwins are without a peer.

They range in color from the daintiest pink, rose, salmon, red, etc., to deep, rich crimson; from lavender through mauve and light blue to violet-purple and the so-called "Black Tulip." There are a few good whites, but no clear yellow, and where this color is desired a selection should be made from the Cottage Tulips listed on pages 5 and 6. All buff and bronze shades frequently classed as Darwins are Breeders. (See page 4.)

**CULTURE.**—Bulbs should be planted 5 to 6 inches deep and not less than 5 inches apart. Sand to the depth of  $\frac{1}{4}$  inch at the base of the bulbs will amply repay the trouble by the provision for drainage during wet weather. For forcing, bulbs should be planted as soon as received, and the flowers appear to better advantage if pots a trifle deeper than the ordinary bulb-pans are used.

	Doz.	100	1,000
<b>Ariadne.</b> Bright rosy crimson, shaded scarlet, with blue base; large flower of great substance; for outdoor planting or forcing. Height 28 inches.....			
	\$0 75	\$5 00	\$48 00
<b>Ascania.</b> Brilliant lilac-mauve, quite a self-color, edged silvery lilac; base white; a splendid variety for any position in the garden. Height 25 inches... I	50	10 00	
<b>Carminea.</b> Rich, glowing crimson-rose; a charming variety for any position outdoors. Flowers of large size, splendid for cutting. Height 24 inches.....	40	3 00	28 00
<b>Electra.</b> Rosy lilac, broadly margined grayish white; medium-sized flower, which contrasts well with darker-shaded Tulips. Height 26 inches.....	75	5 50	52 00
<b>Erguste.</b> Soft violet, with a slight silvery flush; flower medium size. One of the best Darwins for forcing, keeping its refined color splendidly. Height 26 inches..	80	6 00	55 00

	Doz.	100	1,000
<b>Farncombe Sanders.</b> Brilliant dark rosy red; flowers large, borne on long, stiff stems, base shaded white. A giant among large-flowered varieties. Conceded to be the best in its color. Height 24 inches.....	\$0 75	\$5 00	\$48 00
<b>Flamingo.</b> An even tone of pure shell-pink; flower pointed and of refined form. Of unsurpassed beauty for border planting. Height 28 inches..... I	25	9 00	85 00
<b>Hitchcock.</b> Rich, glowing vermillion, with blue base, an attractive border variety. Height 26 inches.....	60	4 00	38 00
<b>Isis.</b> Fiery crimson-scarlet, with blue base; very large flower of striking beauty. The most brilliant of its color. Height 26 in.	80	6 00	55 00
<b>Jules Vinot (Princess Elizabeth).</b> Beautiful clear rose-pink, with a white base. A magnificent, large-sized Darwin of sturdy habit. Height 26 in. I	00	7 00	65 00



# STUMPP & WALTER CO.'S SELECTED BULBS

## NEW GIANT DARWIN TULIPS, continued

<b>King Harold.</b>	Intense ruby-crimson, center rich black; very tall and of fine form; new and stately variety; very distinct. Height 24 inches.	Doz.	100	1,000
<b>La Tristesse.</b>	Deep, slaty blue, with white base, very distinct in color; medium-sized flower. Height 26 in.		80	6 00 55 00
<b>La Tulipe Noire.</b>	(The Black Tulip). Deep maroon-black, having a velvety sheen in the sunlight; large flower of fine form. Height 25 inches.		2 25	15 00
<b>Madame Krelage.</b>	Bright lilac-rose, margined pale silvery rose; flower long and of excellent form. Excellent for borders or pots. Height 28 in.		60	4 00 38 00
<b>Massachusetts.</b>	Beautiful pink, with white center; large flowers of beautiful color and form. Height 24 inches.		60	4 00 38 00
<b>May Queen.</b>	Pale lilac-rose, center delicately marked blue; very long, large flower. Excellent for borders or among shrubs. Height 26 inches.		50	3 50 32 00
<b>Medusa.</b>	Orange-scarlet, flushed salmon, with blue base, the color is of great brilliance in the open flower. Height 24 inches.		60	4 50 40 00
<b>Mrs. Potter Palmer.</b>	Bright purplish violet, base white; a large flower; very attractive for border planting. Height 28 inches.		60	4 50 40 00
<b>Nauticas.</b>	Dark rose, center clear violet, shaded bronze; large flower. Excellent for outdoors and early or late forcing. Height 30 inches.		50	3 50 32 00
<b>Nora Ware.</b>	Silver-lilac, quite a uniform color when grown inside in pots; recommended for forcing.		60	4 00 38 00
<b>Ouida.</b>	Bright crimson-scarlet, center blue. A variety that is not easily beaten for its keeping qualities. Height 26 inches.		50	3 50 32 00
<b>Painted Lady.</b>	Cream-white, with a faint tinge of heliotrope when open; good-sized flower resembling somewhat a water-lily. One of the best varieties for outside or forcing.		60	4 00 38 00

<b>Palissa.</b>	Rich, bright violet, base white; a very handsome variety that should be in every collection. Height 24 inches.	Doz.	100	1,000
<b>Prof. Rauwenhoff.</b>	Deep cherry-rose with salmon-glow inside; enormous flower of great substance on a strong stem. Superb for borders or among shrubbery and one of the finest forcing varieties. Height 28 inches.		75	5 50 52 00
<b>Psyche.</b>	Old-rose, edged white, inside lighter rose, base blue. A very grand variety for February forcing. Height 26 inches.		75	6 00 58 00
<b>Remembrance.</b>	Pale lilac, general tone of the flower silvery. Quite distinct; large flower. Height 25 in.		2 00	15 00
<b>Rev. H. Ewbank.</b>	Vivid heliotrope-lilac; flowers broad. Excellent for forcing; best in its color. Height 22 inches.		75	5 00 48 00
<b>Suzon.</b>	Center of petals buff-rose, shading to blush at the margin, with white base, delicately marked blue. A very much admired variety in the fields; of strong, stately habit. Height 25 inches.		80	6 00 55 00
<b>William Copeland.</b>	Uniform lilac-rose when grown in pots. A most captivating color when grown inside. One of the best as well as easiest forcers. Height 24 inches.		75	5 50 52 00
<b>William Pitt.</b>	Very dark crimson, with purplish bloom on the outer petals. Of great size and beauty. Height 24 inches.		60	4 00 38 00
<b>Zulu.</b>	Deep, velvety purple-black; large, egg-shaped flower of very distinct form. Fine for border or forcing. Height 27 inches.		1 25	9 00 85 00
<b>Superb Prize Mixture.</b>	The revival of the craze for these splendid Tulips has brought out a great many varieties too numerous for listing, except those considered the best. In addition to the varieties listed above, our mixture contains an equal proportion of many others. Brilliant effect may be obtained by the planting of this mixture of choice named sorts.		35	2 25 20 00



A well-designed and pleasing display of Darwin Tulips





Bronze Queen and Jaune d'Oeuf Tulips

## PARROT TULIPS

### Three-year-old Flowering Bulbs

These Tulips belong to the late-flowering garden varieties, which are generally in full bloom during the latter part of May. Have immense, picturesque forms and brilliant colors. The petals have peculiarly feathered and fringed edges, and the shape of the flower, especially before it opens, resembles the neck of a parrot.

50 cts. per doz., \$3 per 100

**Admiral de Constantinople.** Large red flowers, tipped with orange.  
**Cramoisi Brillant.** Deep carmine; very handsome.  
**Lutea major.** Large; bright yellow.  
**Markgrave of Baden.** Yellow, striped with scarlet and green.  
**Perfecta.** Yellow and red striped.  
**Rubra major.** Blood-red; handsome.  
**Mixed.** 40 cts. per doz., \$2.50 per 100.

A collection of one each of the above-named 6 sorts for 50c., postpaid

## DUTCH BREEDER TULIPS

Breeder Tulips are very similar in habit to the Darwins and flower at the same time. Their chief characteristic is their immense blooms, borne on strong, stiff stems, many of them longer than the most gigantic Darwins. The revival of the taste for art colors has made these Tulips, at one time very popular in England, strong favorites with American enthusiasts, who find in their bronze, buff and brown shades excellent material for contrasting with the light and bright colors of the Darwins.

**Apricot.** Dull bronzy buff, shaded deep apricot, base olive-green. A splendid border variety. \$1.50 per doz., \$10 per 100.

**Bronze Queen.** Soft buff, inside tinged golden bronze; large flower of remarkably sturdy habit. Height 24 inches. 85 cts. per doz., \$6.50 per 100, \$60 per 1,000.

**Cardinal Manning.** Dull wine-red, flushed rosy bronze; very large flower. Height 28 inches. 50 cts. per doz., \$4 per 100, \$35 per 1,000.

**Chestnut (La Nuit).** Very dark brown, almost a black; very effective when planted with pale yellow sorts of the Cottage Tulips. Height 24 inches. 50 cts. per doz., \$3.50 per 100, \$30 per 1,000.

**Dom Pedro.** A unique shade of coffee-brown, shaded maroon, inside rich mahogany; large flower; very fragrant. Height 21 inches. \$3 per doz., \$20 per 100.

**Fairy.** Reddish mahogany, with bronze shading; an extra-large flower of artistic character. Splendid in borders or for late forcing. Height 24 inches. 85 cts. per doz., \$6.50 per 100, \$60 per 1,000.

**General Ney.** Dull old-gold, with olive base; large flower. Height 25 inches. 85 cts. per doz., \$6.50 per 100, \$60 per 1,000.

**Godet Parfait.** Bright violet, with white base; very large flower of striking color. Fine for the border. Height 30 inches. 85 cts. per doz., \$6.50 per 100, \$60 per 1,000.

**Jaune d'Oeuf.** Ruddy apricot, inside soft yellow with black base and anthers; very striking variety. Height 21 inches. 50 cts. per doz., \$4 per 100, \$35 per 1,000.

**La Singuliere.** Opening silvery white, heavily fleshed at the margin with dark crimson. Quite a distinct sort among this excellent class of Tulips and produces very large flowers. Height 25 inches. 60 cts. per doz., \$4.50 per 100, \$40 per 1,000.

**Lucifer.** Clear orange, with a rosy flush and olive base, with yellow star; enormous flower on a tall stem. Height 24 inches. \$2 per doz., \$15 per 100.

**Prince of Orange.** Orange-scarlet, edged lighter red; large, striking flower. Splendid for the border and good for forcing. Height 24 inches. 85 cts. per doz., \$6.50 per 100, \$60 per 1,000.

**Turenne.** Purplish brown, with a broad margin of soft yellow; very large flower of beautiful color. Height 28 inches. \$2.50 per doz., \$15 per 100.

**Velvet King.** Dark, glossy purple-maroon, with a white base marked blue; an enormous flower having an extra number of petals and splendid lasting qualities. A magnificent Tulip for the border or shrubbery and forms an effective contrast when planted with the light-colored Tulips. Height 28 inches. \$2.50 per doz., \$15 per 100.

**Dutch Breeder Mixture.** A choice mixture of many varieties of this type of Tulip. Magnificent combinations of colors and shades from beautifully flushed white to deep wine-red, art bronze and darkest maroon. 50 cts. per doz., \$3 per 100, \$25 per 1,000.

### MIXTURES OF TYPES

	Doz.	100	1,000
<b>Bizarres, Mixed</b> .....	\$o 30	\$2 25	\$15 00
<b>Bybloems, Rose</b> .....	30	2 25	15 00
<b>Bybloems, Violet</b> .....	30	2 25	15 00



# COTTAGE TULIPS

Late or  
May-Flowering

The Cottage Tulips, like the Darwins, flower late. Many of the varieties are used extensively for late bedding and are magnificent for this purpose. The pale primrose, deep yellow and splendid white varieties are often planted with the Darwins for effects of contrast. The following list we feel sure contains most of the best varieties. Some varieties, like the Darwins, will flower a few days earlier than others, but on the whole the earliest is just at its best when the latest-flowering variety in our list is just beginning to show bloom. For culture, treat the same as the Darwins.

## FIFTEEN FINE COTTAGE TULIPS

The following fifteen varieties have been taken from our general list and offered to our patrons who are desirous of growing a limited number of varieties.

	Doz.	100	1,000
<b>Bouton d'Or (Golden Beauty).</b> Deep chrome-yellow, with black anthers; splendid cup-shaped flower; grand for cutting or late forcing. Height 20 inches.	\$o 40	\$2 25	\$20 00
<b>Fairy Queen.</b> Beautiful soft rosy lilac, outer petals broadly margined amber-yellow. A variety that should be included in every collection on account of its unique and lovely color. Height 20 inches.	50	3 50	32 00

	Doz.	100	1,000
<b>Doris.</b> Soft rosy lilac, flushed silvery gray, blue base; large, egg-shaped flowers, borne on strong stems. Height 24 inches.	\$o 50	\$3 50	\$32 00
<b>Gesneriana lutea.</b> One of the best of the well-known Gesneriana family. A bedder of unsurpassed qualities, with perfect-shaped flowers of purest golden yellow, on strong stems holding the flowers perfectly erect. Height 24 inches.	40	3 00	28 00

### Gesneriana spathulata or major.

The beautiful curved flowers are brilliant scarlet, with a bluish black center, on tall stems. Height 18 inches.

<b>Inglescombe Pink (Salmon Queen).</b> Beautiful soft rosy pink, slightly flushed salmon; large, globular flower of excellent form. Adapted for borders or late forcing. Height 22 inches.	40	2 25	20 00
<b>Inglescombe Scarlet.</b> A very charming variety of true Cottage type; intense scarlet. Should not be planted with Inglescombe Pink or Yellow, as they are fully 6 inches taller and resemble the Darwin type. Height 16 inches.	40	3 00	28 00

<b>Inglescombe Yellow.</b> A beautiful variety. Size, form and height greatly resemble the Darwins, so much so that it is frequently called the "Yellow Darwin." Height 22 inches.	50	3 50	32 00
<b>Isabella (Shandon Bells).</b> Carmine-rose, shaded creamy white; splendid forcer. A very useful variety.	85	6 00	55 00

**La Candeur (Parisian White).** White, changing to silvery rose. Height 16 inches.

<b>Le Merveille.</b> Very large, sweet-scented flowers. Salmon-rose, laid with orange-red. A grand border variety. Height 20 inches.	30	2 00	18 00
<b>Picotee (Maiden's Blush).</b> White, margined deep rose, the color suffusing the whole flower as it ages; medium-sized flower, reflexing. A grand Tulip for the border. The sight of a large bed planted wholly to this variety is one that will not easily be forgotten. Height 20 inches.	30	2 00	18 00

**Primrose Beauty.** Opening pale primrose, changing to cream; very shapely flower of distinct color; exquisitely sweet-scented. Excellent for borders or late forcing. Height 16 inches.

<b>Scarlet Mammoth.</b> Bright scarlet, yellow base; quite the most brilliant late Tulip for bedding. Height 14 inches.	40	3 00	28 00
<b>The Fawn.</b> The coloring is a unique shade of pale rosy fawn, changing to blush-rose. Height 20 inches.	60	4 50	40 00





## GENERAL LIST OF COTTAGE TULIPS

<b>Caledonia.</b>	Orange-scarlet, with yellow base. Its dwarf habit and its brilliant color make it a very desirable variety for beds. Height 18 inches.....	Doz.	100	1,000
		\$0 30	\$2 00	\$18 00
<b>Elegans.</b>	Brilliant crimson, with yellow center; long flower with reflexing petals. Good for bedding and for late forcing. Height 15 inches.....	40	3 00	28 00
<b>Elegans alba (White Crown).</b>	Creamy white, petals elegantly reflexed with a narrow margin of bright carmine-rose, which adds much to the charm of this variety. Excellent for borders or late forcing. Height 20 inches.....	75	5 50	50 00
<b>Fulgens.</b>	Bright crimson, with white center; flowers are long and reflexed. Very showy. Height 22 inches...	40	3 00	28 00
<b>Gesneriana aurantiaca maculata (Orange Beauty).</b>	Brilliant orange-red; enormous flowers, borne on strong, stiff stems. Height 18 inches.....	40	3 00	28 00
<b>Golden Crown.</b>	Pale yellow, edged crimson-red; as the flower ages it turns to orange-red; excellent for borders or late forcing. Height 16 inches.	25	1 50	12 00
<b>Innocence.</b>	Pure white; flowers large and of excellent form, borne on stiff stems. Excellent for borders or late forcing. Height 22 inches.....	1 25	8 00	

<b>Leghorn Bonnet</b> ( <i>Elegans lutea pulchra</i> ).	Soft primrose-yellow; large flowers, slightly reflexed. A distinct variety that should be in every collection. Height 16 inches.....	Doz.	100	1,000
		\$0 50	\$3 25	\$30 00

<b>Miss Willmott.</b>	Undoubtedly one of the best of the Cottage Tulips; splendid, large, long flowers, borne on straight, stiff stems. The flowers open delicate canary-yellow, but gradually become bright yellow. Height 18 inches.....	75	5 50	50 00
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<b>Moonlight.</b>	Bright canary-yellow; splendid, large flower, oval in shape, outer petals slightly reflexed at the tips. An excellent yellow for combination with the Darwin varieties. Excellent for late forcing. Height 22 inches.....	1 25	8 00	
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<b>Mrs. Moon</b> ( <i>Fulgens maxima lutea</i> ).	Deep golden yellow, large flowers of good substance, slightly reflexing. A famous Parisian boulevard Tulip. Height 24 inches.....	75	6 00	55 00
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<b>Orange King.</b>	Beautiful deep orange, shaded rose, inside deep orange-scarlet with a yellow center; sweet-scented; a globular flower of great size and brilliant coloring. Most attractive for beds or borders. Height 23 inches.....	75	6 00	55 00
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<b>Union Jack</b> ( <i>Distinction</i> ).	Light violet, feathered purple, with a few markings of white, very unique in coloring; large flower. Excellent for forcing or border. Height 20 inches.....	1 50	10 00	
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<b>Vitellina.</b>	Pale yellow, becoming creamy white as the flower ages; large flower of great substance and beauty; sweet-scented. Excellent forcer.....	50	3 50	32 00
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<b>Superb Mixture.</b>	A select assortment, covering almost every conceivable color and shade...	30	1 75	15 00
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## Botanical Tulips

### RARE AND ODD; EARLY FLOWERING

<b>Clusiana.</b>	The "Little Lady" Tulip. A lovely little variety from Asia Minor. Grows but 8 inches high, flowers as large as crocus, but each bulb produces several flowers. Outer petals cherry-red, inner petals white, with violet base. Should be planted 6 to 9 inches deep in light soils; blooms late in April. Height 8 inches.....	Each	Doz.	100
		\$0 10	\$0 60	\$4 00

<b>Fosteriana.</b>	Very brilliant scarlet, with yellow and black center; flowers enormous in size. Extremely rare. Height 9 in..	25	2 50	20 00
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<b>Greigii.</b>	Flowers very large, of brilliant orange-scarlet, with a yellow and black center. Foliage spotted maroon. Height 9 inches....	10	1 00	8 00
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<b>Kaufmanii.</b>	Remarkably early flowering, coming in bloom two weeks before any other. White inside, pink outside. Large flower with broad, reflexing petals. Height 12 inches.....	15	1 50	12 00
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<b>Mauriana.</b>	Bright scarlet, yellow center; the last of all to bloom. Height 21 inches.....	05	50	3 50
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A well-thought-out color arrangement of Darwin and Breeder Tulips with the Cottage Tulip Picotee in the foreground



# DOUBLE EARLY TULIPS

Double Tulips have massive flowers of brilliant and varied colors, shades and markings, and, being double, the flowers last much longer in bloom than single varieties; in consequence, when singles and doubles are planted together, the "Time of the Tulips" is greatly prolonged. Double Tulips are beautifully adapted for beds on the lawn, in the garden and for mingling in clumps of half a dozen or more around the edges of shrubbery. All are robust growers and exceedingly effective.

The following list of Double Early Tulips has been selected after a painstaking test of a large number of varieties, and consists of the best and most modern varieties.

**Blanche Hatve.** B 9. Beautiful, Doz. 100 1,000  
early white..... \$0 25 \$2 00 \$18 00

**Cochineal.** C 10. Brilliant scar-  
let; the largest and  
best double scarlet..... 40 3 00 28 00

**Crown of Gold** (Couronne  
d'Or). B 10.  
Large, bold flowers of rich golden  
yellow, shaded copper. Excellent  
for bedding or forcing..... 40 2 75 25 00

**El Toreador.** B 10. Bright  
orange-scarlet,  
broadly margined buff-yellow..... 60 4 50 40 00

**Imperator rubrorum.** A 9.  
C ne  
of the best scarlets either for bed-  
ding or forcing. Still remains among  
the best of the older varieties..... 40 2 25 21 00

**La Candeur.** B 10. Excellent white  
variety for bedding..... 30 2 00 18 00

**Golden King.** A 12. Soft  
canary-yellow,  
shaded deeper yellow; very large  
and beautiful flower..... 1 50 12 00

**Lord Beaconsfield.** C 10.  
Beauti-  
ful dark pink flower; excellent for  
forcing or bedding..... 40 3 00 28 00

**Lucretia.** C 10. One of the deep-  
est pinks; flowers of  
enormous size; each flower has a  
number of petals protruding from  
the others..... 40 3 00 28 00

**Matador.** B 10. Bright red; splendid  
forcer..... 40 3 00 28 00

**Murillo.** B 9. Magnificent blush-  
white, shaded rose; large flowers;  
fine for cutting..... 25 1 75 15 00

**Rubra maxima.** B 9. Deep dazzling  
scarlet; much superior to that pop-  
ular variety, Rex rubrorum..... 30 2 00 18 00

**Safrano** (Brimstone). B 9. A  
beautiful large-flowering  
Tulip, opening soft saffron shade,  
but developing a rosy apricot in a  
day or so..... 75 5 00 45 00

**Salvator Rosa.** A 8. Deep rose,  
flamed white..... 40 2 25 21 00

**Schoonoord.** B 9. Snow-white.  
A sport of Murillo.  
The best double white..... 60 4 50 40 00

**Titian.** A 10. Red, bordered yellow.  
Excellent variety for early forcing.  
..... 30 2 25 21 00

**Tournesol.** A 9. Splendid, showy  
Tulip. Orange-scarlet, with broad  
yellow tips and base; very large,  
double flower..... 40 3 00 28 00

**Tournesol, Yellow.** A 9. Bright golden yellow; shaded orange; large and showy..... \$0 40 \$3 00 \$28 00

**Vuurbaak.** B 10. Fiery scarlet, tinged orange when open. Excellent for beds or forcing..... 40 3 00 28 00

**S. & W. Co.'s Special Mixed**..... 25 1 00 9 00



Double Tulips

## REMBRANDT TULIPS

A break from the finest types of Darwins. Size of flowers, form and height are the same as Darwins. They are all perfectly hardy and, combined with their delicate colorings and markings, are bound to win popularity.

	Each	Doz.	100		Each	Doz.	100
<b>Apollo.</b> Lilac-rose and white, striped dark carmine.....	\$0 05	\$0 50	\$4 00	<b>Marco Spado.</b> White, flamed fiery red.....	\$0 15	\$1 50	\$8 00
<b>Butterfly.</b> Violet-rose, feathered pure white and deep purple.....	15	1 50	8 00	<b>Red Prince.</b> Rose flamed fiery red.....	10	75	6 00
<b>Crimson Beauty.</b> Carmine and red, flaked dark crimson.....	10	1 00	6 00	<b>Rosy Gem.</b> Pink and white stripe, dark red; very effective.....	15	1 50	8 00
<b>Eros.</b> Lilac and white, striped dark.....	10	75	6 00	<b>Vesta.</b> Lilac, striped and flamed dark crimson.....	10	75	6 00
<b>Hebe.</b> Lilac and white, flamed dark brown... ..	10	60	5 00	<b>Victor Hugo.</b> Deep scarlet, broad white margins.....	15	1 50	9 00

# MATCHLESS EARLY BEDDING TULIPS

## Single-Flowering Varieties

In the culture of Tulips indoors one thing is very essential. Like all bulbs to be grown under unnatural conditions, see that they have made sufficient root-growth before bringing into the light. Six bulbs of a variety to a 6-inch pot or pan, placed at even distances from one another, with the top of the bulbs about  $\frac{1}{2}$  inch below the surface of the soil, is recommended. After potting, the same treatment is recommended as that suggested for hyacinth culture on page 11.

## TWELVE FINE BEDDING TULIPS

The Tulips listed below can be relied upon to flower at the same time, and be of the same height. The most effective varieties have been chosen for producing a brilliant display in masses. They should be planted not more than 5 inches apart, covering the bulbs about 4 inches from the top, and covering the beds or borders with old leaves to prevent hard frost from entering, as well as protect from the early spring frost, which frequently spoils the foliage, rendering it unsightly when the bulbs flower.



Keizerkroon Tulips

	Doz.	100	1,000
<b>Artus.</b> Fine deep scarlet.....	\$0 25	\$1 50	\$12 00
<b>Chrysolora.</b> Clear golden yellow.....	30	2 00	15 00
<b>Cottage Maid.</b> White, edged pink....	25	1 50	12 00
<b>Couleur Cardinal.</b> Brilliant crimson-scarlet, with beautiful purplish sheen on the outer petals. Excellent bedded out alone.....	40	2 75	25 00
<b>Dusart.</b> Deep vermilion-red; very lasting.	30	2 00	15 00
<b>Keizerkroon.</b> Bright crimson-scarlet, edged vermilion.....	35	2 25	20 00
<b>Lady Boreel</b> (Joost Van Vondel White). Snowy white; large, long flower. The finest white Tulip for bedding; excellent forcer.....	50	3 75	35 00
<b>La Reine.</b> White, slightly flushed pink..	25	1 50	12 00
<b>Pink Beauty.</b> Vivid cherry-rose, center of petals striped white. One of the best dark pink bedding Tulips.	75	5 50	50 00
<b>Prince of Austria.</b> Brilliant orange-scarlet; distinct color; sweet-scented.....	30	2 00	18 00
<b>Rose Gris-de-Lin.</b> Rose, slightly flushed white.....	25	1 50	12 00
<b>Yellow Prince.</b> Clear yellow; sweet-scented.....	30	2 00	15 00

## Color-Scheme Suggestions for Beds

### COMBINATIONS

Artus and Chrysolora  
 Prince of Austria and Lady Boreel  
 Dusart and Yellow Prince  
 Cottage Maid and Dusart  
 La Reine and Artus

### BEDS OF ONE VARIETY

Pink Beauty                      Keizerkroon  
 Rose Gris-de-Lin              Couleur Cardinal

# 75 BULBS FOR ONE DOLLAR

## 25 NAMED VARIETIES IN MIXTURE

## Delivered anywhere in United States

After many letters of gratification at the display furnished by our mixture of 75 bulbs taken from 25 named varieties of Single Early Tulips, we have decided to insert this Special Offer in our catalogue. This mixture must not be confounded with those offered at cheap prices, containing but a few varieties of inferior size, and the surplus usually prepared in Holland.

We contract for large quantities of best named sorts, and furnish first-size bulbs in a mixture covering every conceivable color that occurs in Single Early Tulips.



# SINGLE EARLY TULIPS INCLUDING THE BEST TESTED NOVELTIES

The letters A, B and C, following the varieties, indicate their earliness of bloom. Those marked A flower together and are the earliest; B's follow before the A's are out of bloom, etc. The figures indicate the average height when in bloom.

## CRIMSON AND SCARLET

<b>Apollo.</b> C 14. Deep blood-red changing to claret as the flower ages. Splendid for bedding and late forcing.....	Doz.	100	1,000
<b>Belle Alliance.</b> B 10. Brilliant scarlet, yellow base; large flower. Excellent for bedding or forcing....	Doz.	40	2 25 21 00
<b>Brilliant Star.</b> B 12. Bright vermilion-scarlet; an immense flower used largely for Christmas forcing....	Doz.	75	6 00 55 00
<b>Cramoisi Brilliant.</b> C 9. Glowing scarlet, yellow base. Excellent bedder.....	Doz.	30	1 75 16 00
<b>Crimson King.</b> C 9. Crimson, yellow base....	Doz.	20	1 25 11 00
<b>Duc Van Thol, Cochineal.</b> A 7. Rich orange-scarlet. This is the only variety of the Duc Van Thol family to give a good-sized flower. Exceptionally early forcer, and may be had for Christmas. Should not be used for bedding.....	Doz.	40	3 00 27 00
<b>Grace Darling.</b> A 14. A gorgeous, big, bowl-like flower of dull bronze-red, with yellow base.....	Doz.	50	3 50 30 00
<b>Kohinoor.</b> C 10. The deepest rich scarlet early Tulip. Brilliant variety for late bedding.....	Doz.	60	4 50 40 00
<b>Pottebakker Scarlet.</b> A 9. Good bedder....	Doz.	35	2 00 18 00
<b>Sir Thomas Lipton.</b> B 13. Dark scarlet, with yellow base marked olive-green; large, cup-shaped flower of great substance. Excellent for bedding or forcing.....	Doz.	60	4 00 38 00
<b>Stanley.</b> C 10. Of rich American Beauty rose-tone. Good for forcing or bedding.....	Doz.	40	3 00 27 00
<b>Vermilion Brilliant.</b> A 12. Bright glistening scarlet, with yellow base. For forcing or bedding....	Doz.	40	3 00 26 00

## WHITE

<b>Pottebakker White.</b> A 9. Pure white; large and showy flower. Excellent for bedding or forcing.....	Doz.	40	2 25 20 00
<b>Queen of the Whites.</b> A 10. Large; pure white; splendid bedder.....	Doz.	35	2 00 18 00
<b>White Hawk.</b> A 10. January forcing. Large, pure white flower of globular form; excellent shipping variety on account of its lasting qualities.....	Doz.	40	2 50 23 00
<b>White Swan.</b> C 9. Popular variety for bedding; late.....	Doz.	30	2 00 16 00

## PINK AND ROSE

<b>Cerise Gris-de-Lin.</b> C 11. Dark carmine-violet, shaded fawn and margined creamy white, with yellow base; large flowers of globular form; a novel bedding variety, but must be planted alone and not combined with any of the earlier varieties. Does not force well.	Doz.	75	5 50 50 00
<b>Flamingo</b> (Rose Hawk). B 13. A variety that has become very popular on account of its exquisite coloring and beautiful shape. Carmine-rose, shaded lighter, with white stripe through petals....	Doz.	75	5 00 45 00
<b>Jenny.</b> A 9. Beautiful velvety carmine-rose, on the middle of the petals a silvery white stripe, broadening toward the base. When forced in pots or pans resembles Proserpine. Good bedder.....	Doz.	60	4 00 35 00
<b>Le Matelas.</b> B 12. Glistening pink, tipped and flushed creamy white, with yellow base; large flowers of beautiful form. Splendid for Christmas....	Doz.	60	4 00 35 00

## S. & W. CO.'S SPECIAL MIXTURE.

A mixture consisting of 25 named varieties, blended so as to give an assortment of all possible colors and shades, all of vigorous habit and large size, uniform height and time of blooming. 20 cts. per doz., \$1.25 per 100, \$12 per 1,000.

## PINK AND ROSE, continued

<b>La Riente.</b> B 10. Much like Cottage Maid; of very vigorous habit; splendid bedder.....	Doz.	100	1,000
<b>Le Reve.</b> C 13. Old-rose, flushed buff; a very large, globular flower, with rounded petals and carried on a strong stem. A most beautiful variety when grown outdoors, and exquisite when grown in pans late.....	Doz.	40	3 00 \$26 00
<b>Princess Wilhelmina</b> (Queen of the Pinks). B 10. Deep pink, with striking white flush on outer petals; long, pointed flower.....	Doz.	40	3 00 26 00
<b>Proserpine.</b> A 12. Rich, silky, carmine-rose. This variety still heads the list for Christmas forcing.....	Doz.	50	4 00 35 00
<b>Prosperity.</b> A 10. A variety much on the order of Early Tulip Flamingo, but of remarkable substance and keeping qualities. Early forcer.....	Doz.	75	6 00 55 00
<b>Queen of the Netherlands.</b> B 14. Beautiful, soft rosy pink, flushed white; an exquisite variety for growing in pans.....	Doz.	35	2 50 23 00
<b>Rose Luisante.</b> C 10. Brilliant deep rose-pink; large flower of great substance. Splendid for bedding or for pots and pans when forced late.....	Doz.	40	3 00 27 00

## YELLOW

<b>Golden Queen.</b> B 9. Still queen among the yellows for early forcing or bedding. Large and fine form...	Doz.	40	3 00 27 00
<b>Goldfinch.</b> B 10. Pure, deep yellow; large flower; retains color exceedingly well. A moderate-priced sort, unsurpassed for bedding.....	Doz.	30	1 75 15 00
<b>King of the Yellows.</b> B 9. Golden yellow; a variety largely used for very early forcing instead of Canary-Bird.....	Doz.	30	2 00 18 00
<b>Mon Tresor.</b> A 10. Beautiful, deep yellow, low flower of handsome shape. Best bedding yellow.....	Doz.	30	2 00 18 00
<b>Pottebakker Yellow.</b> A 9. Large; yellow....	Doz.	30	2 00 18 00
<b>Primrose Queen</b> (Herman Schlegel). B 10. Primrose, edged canary-yellow; medium-sized flower of exquisite form. Fine for pot culture.....	Doz.	40	2 75 25 00
<b>Prince de Ligny.</b> A 10. Deep golden yellow; flowers exquisitely pointed. Fine for early forcing...	Doz.	30	2 25 20 00

## STRIPED, MARGINED AND VIOLET

<b>Cardinal Rampollo.</b> A 10. Clear yellow, bordered bright orange-red; a good-sized flower of a very showy character. Forces readily.....	Doz.	100	1,000
<b>Cottage Boy.</b> B 11. Light orange-red, edged bronzy yellow. Very showy bedder.....	Doz.	35	2 25 20 00
<b>Duchesse de Parma.</b> B 10. Deep orange-maroon with irregular border of deep yellow.	Doz.	30	1 75 15 00
<b>Fabiola.</b> B 9. Deep violet striped with white.	Doz.	40	3 00 28 00
<b>Joost Van Vondel.</b> B 9. Cherry-red, feathered white through center of petals.....	Doz.	30	2 00 18 00
<b>Le Remarquable.</b> C 10. Immense flower of great substance; silky plum, shading off to silvery pink at the edges. Fine for bedding.....	Doz.	75	5 50 50 00
<b>President Lincoln.</b> B 9. Clear violet; very effective contrasted with light yellows....	Doz.	50	3 25 30 00
<b>Thomas Moore.</b> B 12. Rich apricot-orange. Excellent for bedding or forcing.....	Doz.	25	1 50 12 00
<b>Wouverman.</b> B 10. Rich dark violet; splendid when bedded with white variety, Lady Borel.....	Doz.	60	4 50 40 00





## MATCHLESS BEDDING HYACINTHS

Special named varieties in distinct shades of color, to flower at the same time

BULBS MEASURE 7 TO 8 INCHES IN CIRCUMFERENCE

The Hyacinth chosen to represent each of the following shades of color is a variety which, we have found from trials, will be best in the three essential requirements: Best in its color; stoutest stem; largest truss of bells; so our customers will know that we have avoided using such varieties that are of weak stem, and that do not support the blooms.

### CULTURE

These Hyacinths should be planted from 6 to 10 inches apart, and covered with at least 4 inches of soil from the top of the bulb. For beds or borders close to the conservatory or dwelling, 6 inches will make a fine display; but where the beds are planted to be viewed from a distance, they may be planted 10 inches apart. Hyacinths planted alternately with narcissi produce a most graceful effect, and for this combination 6 inches from bulb to bulb is also a very suitable distance. It is advisable to cover, after the bulbs have been planted, with leaves or some heavy material that will prevent them from freezing or being affected by early spring frosts after they have started.

Hyacinths, as well as narcissi, should be planted by November first in this latitude, as they are the better for early planting. Tulips may be planted up to December first, weather permitting.

Delivered (by express or Parcel Post) anywhere in the United States free

	Doz.	100	1,000
Matchless Bedding Scarlet.....	\$0 75	\$5 00	\$45 00
Matchless Bedding Pink.....	75	5 00	45 00
Matchless Bedding Light Rose.....	75	5 00	45 00
Matchless Bedding Blue.....	75	5 00	45 00
Matchless Bedding Dark Blue.....	75	5 00	45 00
Matchless Bedding Pure White.....	75	5 00	45 00
Matchless Bedding Blush-White.....	75	5 00	45 00
Matchless Bedding Mauve.....	75	5 00	45 00
Matchless Bedding Deep Yellow.....	75	5 00	45 00

### Suggestions for Effective Color Combinations

1. Matchless Bedding Pink and Light Blue.
2. Matchless Bedding Light Blue and Deep Yellow.
3. Matchless Bedding Light Blue and Dark Blue.
4. Matchless Bedding Dark Blue and Deep Yellow.



## SELECTED FIRST-SIZE HYACINTHS

Any good soil will grow Hyacinths, but they do best in a rich, light one. **Our Matchless Bedding, Selected First-Size and Named Exhibition Hyacinths** may be planted singly in a 5-inch pot, or four bulbs of one variety to a 7- or 8-inch bulb-pan, a piece of broken pot placed across the hole in the bottom, then a layer of moss about an inch deep to provide proper drainage. Place the bulb in the pot so as to be about half an inch below the surface of the soil. Remove all the offsets from the bulb before potting, and have the soil come up to within an inch from the top of the pot to permit watering when bulbs are growing. Bulbs so potted may be "plunged" out in the open garden and covered with about 6 inches of gravel or ashes. This will admit of their getting the proper amount of moisture and still prevent damage by frost. See that there is a firm bed of ashes beneath the pots, so as to prevent the entrance of worms. They may also be put in a coldframe, or cool cellar, and kept well watered. Should be kept out about **twelve weeks**, except Roman Hyacinths, which take only about **nine weeks** to develop **fibrous roots**, which are essential to the proper development of large spikes of bloom. A very frequent mistake is made in bringing the bulbs into the light too soon, resulting in a failure to bloom, or else weak spikes. After lifting, see that the temperature for the first two weeks is quite low (50 degrees) until the top-growth has nicely developed, when they may be forced according to one's needs. By keeping near to the glass so as to avoid becoming drawn, with a liberal supply of air, strong spikes of bloom may be had. **Avoid**, under all circumstances, **direct bottom heat**.

The figures, 1, 2, 3, 4, indicate relative time of blooming—1 being early; 4 the latest.

## SINGLE PINK

<b>Gertrude.</b> 3. Dark pink; compact spike. Excellent for Doz. bedding or forcing.....	100	
	\$1 50	\$10 50
<b>Gigantea.</b> 2. Light pink; large truss. Excellent for pots...	1 50	10 50
<b>Jacques.</b> 3. Very pale pink; large truss and bells. Splendid bedder.....	1 50	10 50
<b>Lady Derby.</b> 1. Soft blush, shaded pink; large truss and bells. Splendid for pot culture.....	2 00	12 00
<b>Moreno.</b> 1. Bright rosy pink; heavy truss, large bells. Suitable for pot culture only.....	1 25	9 00
<b>Rosea maxima.</b> 1. Excellent; delicate pink.....	1 50	10 50

## SINGLE RED

<b>Garibaldi.</b> 1. Deep crimson-red; large spike. Best early forcer.....	1 50	10 50
<b>Robert Steiger.</b> 2. Deep red. Splendid bedder.....	1 25	9 00
<b>Roi des Belges.</b> 2. Clear rosy crimson; medium-sized, compact truss. Splendid for bedding.....	1 25	9 00

## SINGLE BLUE

<b>Czar Peter.</b> 2. Light lavender-blue; splendid spike, with large, waxy bells.....	2 00	12 00
<b>Grand Maitre.</b> 2. Dark lavender-blue; large bells and trusses; strong stems. Good forcer or bedder.....	1 50	10 50
<b>King of the Blues.</b> 4. Bright dark blue; splendid spike and bells. Excellent for late forcing or bedding.....	1 50	10 50
<b>La Peyrouse.</b> 3. Clear porcelain-blue; large bells. Excellent for bedding.....	1 25	9 00
<b>Marie.</b> 2. Dark violet-blue. Good bedder and early forcer. ....	1 25	9 00
<b>Potgieter.</b> 2. Light blue. Good for bedding or forcing....	1 50	10 50
<b>Regulus.</b> 2. Light blue. Good early forcer.....	1 50	10 50
<b>Schotel.</b> 1. Soft light blue; very long and perfect truss with large bells. Easily forced; splendid bedder.....	2 00	12 00

## SINGLE WHITE

<b>Baroness Van Thuyll.</b> 1. Snow-white, large, compact truss of many bells.....	1 25	9 00
<b>Grande Blanche.</b> 2. Blush-white.....	1 25	9 00
<b>Grandeur a Merveille.</b> 2. Blush-white; large truss. Excellent forcer as well as bedder.....	1 50	10 50
<b>La Franchise.</b> 3. Creamy white; large bells and spikes. Excellent bedder.....	1 50	10 50
<b>La Grandesse.</b> 3. Pure white, waxy bells. The finest for pots or beds.....	2 00	12 00
<b>L'Innocence.</b> 1. Pure white; fine truss; bells large and of good substance. Fine for pots or bedding.....	2 00	12 00
<b>Mme. Van der Hoop.</b> 2. Pure white; large bells.....	1 50	10 50

## SINGLE YELLOW

<b>Ida.</b> 3. Canary-yellow; tall. Fine forcer.....	1 50	10 50
<b>King of Yellows.</b> 4. Deep yellow; large bells.....	1 50	10 50
<b>Marchioness of Lorne.</b> 3. Orange-yellow; excellent truss. ....	1 50	10 50
<b>Yellow Hammer.</b> 3. Soft dark yellow; splendid spike and bells.....	2 00	12 00



Single Hyacinth, La Grandesse



# NAMED EXHIBITION HYACINTHS

The increased demand on the part of Hyacinth enthusiasts has led to the more extensive cultivation of Novelty Hyacinths in Holland. Many of the varieties listed below are much superior in strength of spike and perfectly formed trusses of beautiful, large bells, as well as more vivid coloring over any of the standard sorts. Where Hyacinths are desired for "exhibition purposes" we can unreservedly recommend them for that purpose, or for growing in pots or glasses for winter flowering in the house.

## WHITE

**Arentine Arendsen.** 1. One of the best white varieties for early forcing. Petals wide, well opened; flowers on a strong spike..... \$0 20 \$2 00 \$15 00

**Correggio.** 2. One of the best white varieties for exhibition. Pure white; large, fleshy bells of wonderful substance; later than Arentine Arendsen..... 30 3 00 20 00

## BLUE

**Bismarck.** 1. Charming light blue, shaded violet in center of the petals. A splendid pot Hyacinth and earliest among the blues. .... 30 3 00 20 00

**Enchantress.** 2. Delicate porcelain-blue. The splendid, well-finished truss has a long spike; excellent for pots..... 20 2 00 15 00

**Count Andrassy.** 2. Lavender-blue, flushed marine blue; strong spike of large bells..... 20 2 00 15 00

**Menelik.** 2. Deep black-blue; immense spike of large bells. The best of the so-called "blacks."..... 25 2 50 18 00

## YELLOW

**City of Haarlem.** 2. One of the best of the new yellow varieties. Soft Naples yellow, shaded deeper. 30 3 00 20 00

## PRIMROSE-SALMON

**Daylight.** 2. Clear primrose-yellow, flushed salmon; long spike of medium-sized bells..... \$0 20 \$2 00 \$15 00

## RED

**La Victoire.** 2. Bright, glistening red; long spike of medium-sized bells. The finest forcing or bedding red variety..... 20 2 00 15 00

## LILAC-ROSE

**Lord Balfour.** 1. Lilac-rose, tinged dark violet, distinct color; its broad spikes of big, waxy bells make a grand sight..... 20 2 00 15 00

## PINK

**General DeWet.** 2. A soft, light pink variety, splendid for exhibition. Strong spike, stands erect, with large bells ..... 20 2 00 15 00

**Queen of the Pinks.** 4. Very lively pink; one of the grandest acquisitions; a beauty in every sense of the word. Long, well-filled spike of extra-large bells. Must not be forced too early..... 35 4 00 30 00



A display of Exhibition Hyacinths and Giant-flowering Crocuses (see page 27)



# Dutch Roman or Miniature Hyacinths

The following method of growing Hyacinths for winter flowering in the house has given the most satisfactory results. A number of florists use it for creating something new in the line of an Easter display, with the result that there is always a much greater demand than supply, owing to the beautiful display the Hyacinths in pans make. The secret of acquiring success is simply the following: Plant only one kind in a pan, in order to have them all bloom at once, and to have them all the same shade. The following varieties are the best sorts. By planting 10 to 12 bulbs of any one variety mentioned, in a pan 8 to 9 inches in diameter, and following the directions for planting in pots, the most satisfactory results will be obtained. In ordering bulbs for this purpose, be sure to mention Miniature Hyacinths.

**Gertrude.** Fine pink.  
**Roi des Belges.** Bright red.  
**Cardinal Wiseman.** Rosy carmine.  
**Gigantea.** Pale pink.  
**L'Innocence.** Pure white.  
**La Grandesse.** Pure white; large spike.  
**Grandeur a Merveille.** Blush-white.  
**Baroness Van Thuyll.** Snow-white.  
**Grand Maitre.** Bright blue.  
**King of the Blues.** Dark blue.  
**Queen of the Blues.** Porcelain-blue; extra fine.

Price of any of above named varieties 50 cts. per doz., by mail, postpaid; or \$3 per 100 by express, prepaid

## Roman Hyacinths

Treat like the other Hyacinths. They come into flower earlier, and should, for first flowers, be brought in by November 15; by so doing they will give their flowers in perfection by Christmas. Their great beauty is in their profusion of flowers, each bulb giving from three to six spikes. The flowers are smaller than those of the Dutch Hyacinths, but are more graceful. The bulbs being small, three can be put in a 5-inch pot.

	Doz.	100	1,000
<b>White—</b>			
12 to 15 cm. ....	\$0 60	\$4 50	\$40 00
13 to 15 cm. ....	75	5 50	50 00
15 cm. (Jumbo) ....	1 00	7 00	65 00
<b>Single Rose, 12 to 15 cm. ....</b>	40	3 25	30 00
<b>Single Blue, 12 to 15 cm. ....</b>	40	3 25	30 00
<b>Single Yellow, 12 to 15 cm. ....</b>	75	5 00	45 00
<b>Double Rose, 12 to 15 cm. ....</b>	50	3 75	32 50
<b>White Italian, 12 to 15 cm. ....</b>	40	3 25	30 00

If wanted by mail, add 10 cts. per doz. for postage



Dutch Roman or Miniature Hyacinths

## Selected Unnamed Hyacinths

These Hyacinths are all large-sized, healthy bulbs, well adapted for outdoor planting. The colors being kept separate, the purchaser can make his selection of colors as his taste may dictate. The bulbs can also be forced for winter flowering or cutting. Bedding and forcing varieties are kept separate. Please state which to send, when ordering. **Delivered free in United States.**

### SINGLE HYACINTHS

Pure White	Rose	Light Blue	Yellow
Blush-White	Red	Dark Blue	Selected Mixed
5 cts. each, 50 cts. per doz., \$4 per 100, \$35 per 1,000			

### DOUBLE HYACINTHS

Pure White	Rose	Light Blue	Yellow
Blush-White	Red	Dark Blue	Selected Mixed
5 cts. each, 50 cts. per doz., \$4 per 100, \$35 per 1,000			

## Double Named Hyacinths

The following list of Double Hyacinths are the best varieties. While these are grown by many, they do not produce so large spikes as the single sorts, and should not be grown in glasses.

**Bouquet Royal.** Rose, dark shaded.

**Bouquet Tendre.** Carmine-red.

**Chestnut Blossom.** Blush-pink.

**Kohinoor.** Fine pink.

**Noble par Merite.** Deep pink.

**Prince of Orange.** Semi-double; light pink.

**La Tour d'Auvergne.** Earliest pure white; fine spike and bells.

**La Grandesse.** Best white.

**Princess Alice.** Pure white.

**Blocksberg.** Porcelain-blue.

**Garrick.** Lilac-blue.

**General Kohler.** Best bright blue. Large bells on a strong, stiff spike.

**Lord Raglan.** Lilac-blue.

**Goethe.** Light yellow.

**Jaune Supreme.** Splendid, rich yellow.

**William III.** Yellow, tinted orange.

15 cts. each, \$1.25 per doz., \$10 per 100, delivered free in United States





VARIOUS TYPES OF NEW AND RARE NARCISSI, INCLUDING THE DELIGHTFUL POETAZ



# NEW AND RARE NARCISSI

The letter following each variety indicates its relative earliness—  
B, first early; C, several days later; D, several days later than C.

## ALBATROSS (Barrii) C

Large, flat, white perianth, cup pale citron, deep yellow-edged, and elegantly frilled at the brim. Splendid forcing and garden variety. Height 20 inches. **15 cts. each, \$1.50 per doz., \$10 per 100.**

## ARIADNE (Leedsii) C

Perianth ivory-white, cup pale amber-yellow passing to white; broad, widely expanding, and most regularly and beautifully frilled; a good-sized flower of exquisite beauty, lasting long in bloom. Splendid for border planting and excellent for pots. Height 16 inches. **15 cts. each, \$1.50 per doz., \$10 per 100, \$95 per 1,000.**

## BEAUTY (Incomparabilis) C

Perianth pale sulphur-yellow; cup deep yellow, elegantly margined orange-scarlet. A striking flower for the border and equally fine for pot culture. Height 17 inches. **10 cts. each, 75 cts. per doz., \$5 per 100, \$40 per 1,000.**

## CORNELIA (Yellow Trumpet) B

A uniform soft yellow, with a broad, smooth perianth and large, well-expanded trumpet. Splendid exhibition sort. Height 18 inches. **30 cts. each, \$3 per doz., \$22 per 100.**

## DUKE OF BEDFORD (Bicolor Trumpet) B

White perianth, with loose, spreading petals and long, deep yellow trumpet well frilled at the mouth. A splendid exhibition sort. **\$1 each, \$10 per doz., \$75 per 100.**

## FRANK MILES (Incomparabilis) C

Perianth pale yellow, elegantly twisted; cup bright yellow; large, handsome flower. Appears to excellent advantage planted in clumps in the border; also grown extensively for cutting; very good for pot culture. Height 21 inches. **5 cts. each, 50 cts. per doz., \$3.50 per 100, \$30 per 1,000.**

## FIREBRAND (Barrii) D

Perianth creamy white, shaded pale yellow at the base; cup of most intense fiery red, prettily fluted; a variety that is remarkable for its brilliance of color. Excellent for shrubby borders or positions that are shaded, where the intensity of the color is well preserved. May be grown to excellent advantage in pots if forced gently. Height 17 inches. **10 cts. each, \$1 per doz., \$7 per 100, \$65 per 1,000.**

## GLORIA MUNDI (Incomparabilis) C

Perianth primrose-yellow, with broad petals; crown dark yellow at base, deepening to brilliant orange-red at the brim. A flower of splendid proportion and excellent for exhibition. Height 18 inches. **20 cts. each, \$1.75 per doz., \$12 per 100.**

## GLORY OF NOORDWIJK (Bicolor Trumpet) B

One of the best and most attractive of the Bicolors; perianth sulphur-white, trumpet chrome-yellow, very long and elegantly reflexed at the brim; a flower of good size and great substance. Grand for pots or cutting. Height 14 inches. **40 cts. each, \$4 per doz., \$30 per 100.**

## GRACE DARLING (White Trumpet) B

Gracefully twisted white perianth, trumpet cream, passing into white; an elegantly formed flower, excellent for border planting or for forcing. A variety that has been much admired and that looked very pleasing to our representative in the fields this spring. Height 18 inches. **20 cts. each, \$2 per doz., \$15 per 100.**

## HOMESPUN (Incomparabilis) C

Both perianth and crown of an even shade of bright sunny yellow, with broad, flat, overlapping petals of great substance. One of the finest of the yellow Incomparabilis, with hardly a fault. Grand for pots. **75 cts. each, \$8 per doz., \$60 per 100.**

## LUCIFER (Incomparabilis) C

Perianth sulphur-white, with long, well-rounded petals, rather star-like in effect; cup chrome-yellow, edged bright orange. A bold, showy flower for outdoors, holding its color well, and splendid for pot culture. **25 cts. each, \$2.50 per doz., \$18 per 100.**

## KING ALFRED (Yellow Trumpet) C

A king among the new varieties, one that responds splendidly to forcing and one that you should grow a few of. For pans or pots for exhibition, its size, general vigor and depth of color put it in a distinct class of the **Finest Giant Golden Yellow Narcissi**. Wherever this Narcissus has been exhibited it has caused a sensation. Perianth often measures 4 inches across, trumpet fully 2 inches. (See illustration on page 19). **75 cts. each, \$8 per doz., \$65 per 100.**

## MME. DE GRAAFF (White Trumpet) C

Pure white perianth, trumpet soft primrose passing into white, well rolled back at the brim. The best white for exhibition. Height 15 inches. **15 cts. each, \$1.50 per doz., \$10 per 100.**

## OLYMPIA (Yellow Trumpet) B

Perianth light chrome-yellow, trumpet deep chrome-yellow; of huge dimensions. Splendid exhibition sort. Height 15 inches. **30 cts. each, \$3 per doz., \$22 per 100.**

## SEA GULL (Barrii) C

Broad perianth of the purest white; cup pale lemon-yellow; an exquisitely beautiful flower, perhaps the very loveliest of this class. Equally fine for bedding or forcing. **15 cts. each, \$1.50 per doz., \$10 per 100, \$95 per 1,000.**

## VANILLA (Yellow Trumpet) C

This is a grand, tall-growing and very handsome variety, having a fine, bold trumpet of deep yellow, with a paler perianth, and possessing the added charm of a most pleasing and delicate odor. It flowers the same time as Emperor, and is a good variety for forcing. Height 20 inches. **15 cts. each, \$1.50 per doz., \$10 per 100.**

## WHITE LADY (Leedsii) C

Broad, white perianth of perfect form; small cup of pale canary, beautifully crinkled. A new sort that is conceded to be one of the best. Fine for outdoor planting, making a splendid cut-flower; good for pot culture also. Height 20 inches. **15 cts. each, \$1.50 per doz., \$10 per 100, \$90 per 1,000.**

Many of the varieties offered on this page were exhibited by us at the New York Flower Show this past spring, and were very favorably commented on.



## A FEW FAVORITE NARCISSI

The varieties featured on this page, several of which we have illustrated in color, include many of the most popular sorts for either garden culture or indoor growing. All make splendid cut-flowers for home decoration.

### CONSPICUOUS (Barrii)

Large, broad-spreading perianth of soft yellow, short, yellow cup, edged bright orange-scarlet. A fine, large flower; one of the handsomest of all. Splendid for midseason forcing, and good for any position in the garden. Height 21 inches. **Selected bulbs, 5 cts. each, 30 cts. per doz., \$2 per 100, \$15 per 1,000.**

### EMPEROR (Yellow Trumpet)

Perianth deep primrose-yellow, trumpet deep yellow. A variety splendidly suited for garden culture on account of its remarkable substance; good forcer also. Height 18 inches. **First size, round bulbs (recommended for garden culture), 5 cts. each, 40 cts. per doz., \$2.50 per 100, \$20 per 1,000.**

### ODORUS RUGULOSUS (Jonquil)

A great improvement on the common sweet-scented Campernelle Jonquil. Flowers deep yellow and twice the size; four to six flowers on a stem; splendid color; grand for any position in the garden. Height 14 inches. **5 cts. each, 40 cts. per doz., \$3 per 100, \$25 per 1,000.**

### MRS. THOMPSON (White Trumpet)

Creamy white perianth, pale lemon trumpet, passing into white, elegantly frilled; one of the best growers among the White Trumpets. Fine for garden culture or pots. Height 15 inches. **5 cts. each, 50 cts. per doz., \$3.50 per 100, \$30 per 1,000.**

### POETAZ, ASPASIA

The bunch-flowered Poet's Narcissus. Perianth pure white, cup yellow; splendid for border planting or growing in pots or pans. Three to four large-sized flowers on a stem. Height 16 inches. **5 cts. each, 50 cts. per doz., \$3.50 per 100, \$32.50 per 1,000.**

### POETICUS ORNATUS

Larger and better flower than the old Poeticus Narcissus, and considerably earlier. Pure white flowers, saffron cup, edged rosy scarlet. Makes a beautiful show in the garden. Height 14 inches. **Selected first-size bulbs, 3 cts. each, 25 cts. per doz., \$1.50 per 100, \$12.50 per 1,000.**

### SIR WATKIN (Incomparabilis)

Perianth primrose-yellow, large and well formed yellow cup, tinged deep yellow. A giant among the Medium Trumpet sorts. A grand flower of wonderful substance for garden culture or pots, and one of the finest Narcissi grown. Height 21 inches. **First-size, round bulbs, 5 cts. each, 40 cts. per doz., \$2.50 per 100, \$20 per 1,000.**

### VICTORIA (Bicolor Trumpet)

A bicolor famous for its large and durable flowers which stand boldly erect. Broad perianth of creamy white, large, broad, fluted trumpet of rich yellow. A strong grower and splendid keeper. A grand variety for either garden or pot culture. Height 16 inches. **First-size, round bulbs, 5 cts. each, 40 cts. per doz., \$2.50 per 100, \$20 per 1,000.**

### VAN SION (Double Daffodil)

The most popular of all the Double Daffodils. Splendid for planting in the border or among evergreens and shrubs, or any position in the garden. The flowers are a deep, even shade of chrome-yellow. One of the finest for growing in pots, making a splendid cut-bloom for the home. **Mammoth bulbs, 5 cts. each, 50 cts. per doz., \$3.25 per 100, \$30 per 1,000.**





# Polyanthus Narcissi

A very decorative class of bulbous plants for greenhouse and window-garden. They produce large trusses of bloom and are quite fragrant. These bulbs are not hardy and should not be planted outdoors north of the Carolinas. There are hardly any of the Narcissi that respond to forcing so easily and quickly, and a large number of florists frequently have them in bloom from November until Easter. The variety Paper-White can be grown in water, with pebbles, in shallow dishes or bowls, the same as the Sacred Chinese Narcissus.

## GIANT PAPER-WHITE NARCISSI

This large-flowering Paper-White Narcissus is such an improvement over the ordinary Paper-White that we have decided to discontinue the sale of the latter. It can be had in bloom from Christmas to Easter. Plant bulbs in shallow boxes or pots so that they almost touch each other, and store in a cool cellar or shed until rooted. By bringing into the light during early November they may be had in bloom for Christmas. Excellent results can be obtained by growing in bowls of water and pebbles or moss.

	Each	Doz.	100	1,000
<b>Jumbo bulbs</b> .....	\$0 10	\$0 75	\$3 50	\$30 00
<b>First size</b> .....	05	50	2 50	20 00

**Bazelmann major.** Large flowers in immense clusters; broad, pure white perianth, large, dark yellow cup. One of the finest Polyanthus Narcissi in cultivation. 10c. each, 85c. per doz., \$6.50 per 100, \$60 per 1,000.

**Double Roman.** White perianth, double orange-yellow cups. Largely forced in winter as a cut-flower. 5c. each, 30 cts. per doz., \$2 per 100, \$17.50 per 1,000.

**Grand Monarque.** Purest white flowers of the largest size, with canary-yellow cups; immense trusses of bloom. **Selected bulbs**, 5 cts. each, 45 cts. per doz., \$3.50 per 100, \$30 per 1,000.

**Grand Soleil d'Or.** Rich yellow, reddish orange cup. Excellent for bedding. 5 cts. each, 40 cts. per doz., \$3 per 100, \$25 per 1,000.

**Lord Canning.** Clusters of large, golden yellow flowers, with orange cups. 10 cts. each, 75 cts. per doz., \$6 per 100, \$50 per 1,000.

**Mont Cenis.** Broad, round, overlapping petals of white, and large, rich yellow cup; of compact, sturdy growth; immense clusters of bloom. 10 cts. each, 75 cts. per doz., \$5 per 100, \$45 per 1,000.

**Staten General.** Clusters of white flowers, with citron-colored cups. 5 cts. each, 50 cts. per doz., \$3 per 100, \$25 per 1,000.

**White Pearl.** Extra-fine clusters of satiny white flowers, citron-colored cups; profuse bloomer. 10 cts. each, 75 cts. per doz., \$5 per 100, \$45 per 1,000.

## CHINESE SACRED NARCISSUS

**JOSS FLOWER, or ORIENTAL NEW YEAR'S LILY**

Can be grown in pots, but are raised more satisfactorily in bowls filled with pebbles and water. Flowers white with yellow cup. 10 cts. each, \$1 per doz., \$7.50 per 100; **Mammoth bulbs**, 15 cts. each, \$1.50 per doz., \$10 per 100; buyer pays transit.



Our Giant Paper-White Narcissi, grown in flats

## Double Narcissi (Daffodils)

The Double Narcissi, generally termed Daffodils, are used in large quantities by the commercial florist for forcing in pots, pans or flats for cutting. They are as hardy as rocks, and when "naturalized" increase in number and splendor each year.

### VAN SION NARCISSI

This, the most popular of the double Narcissi, is famous as the Old Double Yellow Daffodil. Rich golden yellow perianth and trumpet.

**S. & W. Co.'s Exhibition Grade.** This grade of Double Van Sion is selected specially for us from the **very largest double-nosed bulbs**, and are what is termed top-roots. Our large importations of this variety makes it possible for us to secure this very fine grade of bulbs. Three bulbs planted in an 8-inch bulb-pan make an excellent show, and give four or five strong and perfect blooms.

	Each	Doz.	100	1,000
<b>Jumbo Exhibition Grade</b> .....	\$0 10	\$0 75	\$4 50	\$40 00
<b>Mammoth double-nose.</b> Will produce two or three fine flowers....	05	50	3 75	35 00
<b>Selected single-nose.</b> Will produce one fine flower.....	05	40	2 50	22 00

**Alba plena odorata** (The Double White Poet's Narcissus, or Gardenia-flowered Daffodil). Double, snow-white, gardenia-like flowers, exquisitely scented. 5 cts. each, 30 cts. per doz., \$2 per 100, \$15 per 1,000.

**Incomparable fl. pl. (Butter and Eggs).** Full-double flowers of rich yellow, with orange nectary. Splendid variety for either forcing for winter cut-flowers or for open-ground planting. 5 cts. each, 30 cts. per doz., \$2 per 100, \$15 per 1,000.

**Orange Phoenix (Eggs and Bacon).** Beautiful, double, white flowers, with orange nectary. Splendid for pot culture and cutting and for garden decoration. 5 cts. each, 40 cts. per doz., \$3 per 100.

**Sulphur (or Silver) Phoenix (Codlins and Cream).** Large, creamy white flowers, sulphur nectary. Exquisite corsage flower; fine for growing in pots. 10 cts. each, 75 cts. per doz., \$4 per 100.

**Mixed Double Narcissi.** Plant liberally of these for cutting purposes or for naturalizing. 5 cts. each, 25 cts. per doz., \$1.25 per 100.



# NARCISSI, DAFFODILS AND JONQUILS

No garden would be complete without the Narcissi, which include Daffodils and Jonquils. The innumerable positions in the garden in which their use may be availed of is responsible, in a measure, for their popularity. This fact, and the simple beauty of form, dignity of habit, elegance of bloom and ease of culture, accounts for the new interest amounting to enthusiasm of flower-lovers of all Europe. Each year we are greeted with a horde of novelties.



Empress Narcissi

To the enthusiast who scrupulously measures the depth or the exact reflexing of some **New Giant Trumpet** variety, or the width of its unusually broad perianth; who admires the quiet grace of its most perfect form and the beauty of its color, these new novelties are of much concern.

They may be grown in the modest town garden; or clumped, here a mass of one variety and there another, in the herbaceous border. As a border for shrubbery they attain their full measure of graceful splendor; for natural plantation, outlying portions of the lawn or grounds, on terrace slopes, or banks of streams, and along woodland driveways, millions of bulbs are yearly planted.

**CULTURE.**—Owing to the various sizes of the bulbs, it is not advisable to state the exact depth to plant, but the simple rule of covering the bulb one and one-half times its own depth; and the distance between the bulbs 3 to 4 inches for smaller sorts and 5 to 6 inches for the larger ones, is a good one. For greenhouse or window-garden culture treat them the same as hyacinths, except that three or more bulbs of one variety should be planted in a pot, and not single specimens.

Where a succession of blooms is desired for outdoors as well as indoors, we have arranged the following code: A, first early; B, second early; C, midseason; D, late; E, very late.

**NOTE.**—In describing Daffodils, Narcissi, etc., we have referred to the "perianth" and "trumpet," "crown" or "cup." The "perianth" is the surrounding row of petals or wings, and the other terms apply to the central funnel-like tube.

## Giant Trumpet Narcissi FREQUENTLY TERMED GIANT JONQUILS

### HAVE GIGANTIC TRUMPETS AND MASSIVE PERIANTHS

**NOTE.**—The designations Jonquils, Daffodils or Narcissi are often misapplied by amateurs, and the result invariably means disappointment. "Jonquil" is a popular name given to all Single Trumpet Narcissi, regardless of any other form or class. "Daffodil" is the name applied to all Double Narcissi. The name "Narcissus" calls for the Poet's Narcissus and its family; also the Paper-White Narcissus or the Polyanthus variety.

In order to avoid confusion of technical terms, we have listed all Ajax Narcissi as Giant Trumpets; Barrii, Incomparabilis, Leedsii and Bulbocodiums as Medium Trumpets.

**Agrippine.** B. Perianth white, trumpet yellow; large flower of good substance, flowering the same time as Horsfield, over which it is a good improvement. The effect of a large bed of this variety is very brilliant. Height 12 inches. 10 cts. each, 60 cts. per doz., \$4 per 100, \$35 per 1,000.

**Albicans.** B. Creamy white perianth, trumpet silvery white, slightly flushed primrose, elegantly recurved at the brim. Height 12 inches. 5 cts. each, 50 cts. per doz., \$3 per 100, \$25 per 1,000.

**Empress.** C. White perianth of great substance; trumpet rich chrome-yellow. Very showy for the border or for naturalizing. Does equally well forced. Height 18 inches.

	Doz.	100	1,000
Jumbo bulbs.....	\$0 75	\$5 00	\$40 00
Mammoth bulbs.....	50	3 25	30 00
First-size, round bulbs.....	40	2 50	20 00

**Emperor.** C. Perianth deep primrose-yellow, broad at base, trumpet rich yellow; a very large flower of remarkable substance. Excellent for naturalizing or forcing. Height 18 inches.

	Doz.	100	1,000
Jumbo bulbs.....	\$0 75	\$5 00	\$40 00
Mammoth bulbs.....	50	3 25	30 00
First-size, round bulbs.....	40	2 50	20 00

**Golden Spur.** A. One of the grandest, with extra-large, bold, rich yellow flowers; foliage very broad and striking. It is of unusually robust habit and unsurpassed for garden, pots or forcing. Early and extremely free-flowering. Height 18 inches.

	Doz.	100	1,000
Jumbo bulbs.....	\$0 75	\$5 00	\$40 00
Mammoth bulbs.....	50	3 25	30 00
First-size, round bulbs.....	35	2 00	18 00
French-grown (for earliest forcing)....	60	4 00	35 00

**Glory of Leyden.** C. Perianth pale yellow, broad and spreading, very long trumpet of golden yellow; enormous flower of great vigor and substance. An especially fine variety for borders and excellent for pot culture. Should not be forced hard. Must be planted early. Height 15 inches. 15 cts. each, \$1.50 per doz., \$12 per 100.

**Henry Irving.** A. Perianth clear yellow, broad and spreading; deep yellow trumpet, large and wide at the mouth; splendid; early. For forcing or the border. Height 15 inches. 5 cts. each, 40 cts. per doz., \$3 per 100, \$25 per 1,000.

**King Alfred.** A king among the newer varieties, one that responds splendidly to forcing and one that you should grow a few of. For pans or pots for exhibition, its size, general vigor and depth of color puts it in a distinct class. (For fuller description and price, see page 15.)



# STUMPP & WALTER CO.'S - SELECTED BULBS

## GIANT TRUMPET NARCISSI, continued

**Mrs. Thompson.** B. Creamy white perianth, pale lemon trumpet passing into white, elegantly frilled; one of the best growers among white Trumpets, and a free-bloomer. Fine for the border and for early forcing. Height 15 inches. 5 cts. each, 50 cts. per doz., \$3.50 per 100, \$30 per 1,000.

**Mrs. Walter T. Ware.** A. White perianth, deep golden yellow trumpet, well expanded at the brim. Earlier for forcing than Victoria and equally as good for outside. Height 16 inches. 10 cts. each, 60 cts. per doz., \$4.50 per 100, \$40 per 1,000.

**Obvallaris (The Tenby Daffodil).** A deep yellow self-color; broad, round petals, with rather short trumpet; very distinct. Fine for borders and excellent when grown in pots. Height 12 inches. 5 cts. each, 40 cts. per doz., \$3 per 100, \$25 per 1,000.

**Princeps Maximus.** A. Very early. This is one of the most popular winter-flowering and forcing varieties grown. Flowers large; perianth sulphur-yellow; immense, rich yellow trumpet. Mother bulbs, 40 cts. per doz., \$2.50 per 100, \$20 per 1,000. First-size, round bulbs, 30 cts. per doz., \$2 per 100, \$15 per 1,000.

**Queen of Spain.** A very graceful and quite a distinct variety of the Tri-andrus type; trumpet of uniform soft yellow, with a very reflexed perianth, making the flower very dainty and unique looking. Excellent for borders and naturalizing in woodland. Height 12 inches. 10 cts. each, \$1 per doz., \$7.50 per 100.

**Trumpet Major.** A. Flower large and almost of a uniform deep golden. Highly prized as an early forcing sort and largely planted for outside bedding. Height 16 inches.

	Each	Doz.	100	1,000
Dutch-grown.....	\$0 05	\$0 30	\$2 00	\$15 00
French-grown (for forcing only).....	05	40	3 00	20 00

**Vanilla.** Sweet-scented. A variety that has made rapid strides for popular favor. A very large, beautiful, bold flower; trumpet deep yellow with a paler perianth. (For fuller description and price, see page 15.)

**Victoria.** B. A Bicolor famous for its large and durable flowers which stand boldly erect; broad perianth of creamy white; large, broad, fluted trumpet of rich yellow. A strong grower, with massive flowers. Fine for forcing, the flowers lasting in excellent condition long after being cut. Height 16 inches.

	Doz.	100	1,000
Jumbo bulbs.....	\$0 75	\$5 00	\$40 00
Mother bulbs.....	50	3 25	30 00
First-size, round bulbs.....	40	2 50	20 00

**William Goldring.** C. White perianth, drooping over a long trumpet; trumpet soft primrose passing to white. A very graceful flower whose drooping habit has brought it the common name of Swan's Neck. An extremely satisfactory variety for border or pot culture. Height 15 inches. 5 cts. each, 40 cts. per doz., \$3 per 100, \$25 per 1,000.

## GIANT TRUMPETS IN MIXTURE

(For Naturalizing)

Each year we import large quantities of these bulbs for naturalizing, and frequently, at the end of the season, prepare a mixture of some of the best varieties, which we have in surplus, for this purpose, which we offer at a very low price of

\$1.25 per 100, \$12.50 per 1,000, \$50 for 5,000





# MEDIUM TRUMPET NARCISSI



Conspicuous Narcissi

## THE CROWN or CUP NARCISSI

**Autocrat** (*Incomparabilis*). C. Clear golden yellow; broad perianth tending to reflex, cup widely expanded at the mouth. A very handsome variety for the border or pots. Height 20 inches. **Selected bulbs, 5 cts. each, 50 cts. per doz., \$3 per 100, \$25 per 1,000.**

**Conspicuous** (*Barrii*). D. Large, broad, spreading perianth of soft yellow; short yellow cup, edged bright orange-scarlet; a fine, large flower; one of the handsomest of all. Splendid for the border or midseason forcing. **Selected bulbs, 5 cts. each, 30 cts. per doz., \$2 per 100, \$15 per 1,000.**

**Cynosure** (*Incomparabilis*). C. Large; pale primrose perianth, passing into white; yellow cup, stained orange; a cheap, showy variety for the border or naturalizing. Height 17 inches. **Selected bulbs, 5 cts. each, 30 cts. per doz., \$2 per 100, \$15 per 1,000.**

**Duchess of Brabant** (*Leedsii*). Elegant; pure white perianth, pure canary-yellow cup. Height 15 inches. **Selected bulbs, 5 cts. each, 30 cts. per doz., \$1.75 per 100, \$12 per 1,000.**

**Flora Wilson** (*Barrii*). C. White perianth, cup bright yellow, stained deep orange. Splendid for exhibition or the border. **Selected bulbs, 5 cts. each, 50 cts. per doz., \$3.50 per 100, \$32 per 1,000.**

**Katherine Spurrell** (*Leedsii*). D. A grand new variety; flowers of large size, beautiful form and splendid substance; broad, overlapping perianth of snow-white and a delicate canary-colored crown. An especially fine cut-flower. **Selected bulbs, 5 cts. each, 50 cts. per doz., \$3.50 per 100, \$32 per 1,000.**

**Mrs. Langtry** (*Leedsii*). D. A remarkably free-flowering variety, each bulb usually producing several flowers; broad, white perianth, and white cup opening pale primrose. On account of its low price it is largely used for naturalizing. It is good, also, for potting, as it blooms so profusely in the house in winter. **Selected bulbs, 5 cts. each, 30 cts. per doz., \$2 per 100, \$15 per 1,000.**

**Queen Bess** (*Incomparabilis*). A. Perianth white; large, well-expanded cup of light yellow. An early variety of value for pot culture, and good for bedding. Much better and earlier than Stella, which we have decided to discard from our list. Height 15 inches. **Selected bulbs, 5 cts. each, 40 cts. per doz., \$2.50 per 100, \$20 per 1,000.**

## SIR WATKIN

(*Incomparabilis*)

B. Perianth primrose-yellow, large and well-formed yellow cup, tinged deep yellow. A giant among the Medium Trumpet sorts. A grand flower of wonderful substance for garden culture or pots, this variety frequently has flowers 5 inches across, and its splendid proportion and ease of culture cause it to be one of the most popular of the older varieties.

	Each	Doz.	100	1,000
<b>Mother Bulbs</b> .....	\$0 07	\$0 50	\$3 50	\$30 00
<b>First Size, Round Bulbs</b> o 05		40	2 50	20 00

## Medium Trumpets in Mixture

(For Naturalizing)

Our mixture of these Medium Trumpets for natural plantations contains a great many varieties which we do not list under separate headings, and are excellent for this purpose.

\$1.25 per 100, \$10 per 1,000, \$40 for 5,000





Narcissus Poeticus, Naturalized

## THE POPULAR POET'S NARCISSUS *(Narcissus poeticus)*

This class of Narcissus, instead of having a trumpet or crown, has a small, wide-mouthed cup. They are very hardy, and are used in large numbers, for naturalizing, their simplicity of form and delightful fragrance making them highly prized. The varieties Cassandra, Herrick, King Edward VII and Ornatus are used with excellent success for forcing.

**CASSANDRA.** D. Broad, wide-spreading perianth of snow-white; very small cup, deeply rimmed dark red. A splendid exhibition sort. 20 cts. each, \$2 per doz., \$12 per 100.

**HERRICK.** D. Broad, slightly reflexing perianth of snowy whiteness and of great substance; flattened cup, deeply rimmed crimson. One of the best exhibition sorts. 15c. each, \$1.50 per doz., \$9 per 100.

**KING EDWARD VII.** D. A new and magnificent, large-flowering, early variety, with broad, round, white flower of great substance, and yellow cup edged deep red. 75 cts. per doz., \$4 per 100, \$35 per 1,000.

**ORNATUS (Improved Poeticus).** D. Grand flower for cutting. Larger and more symmetrical than the old variety and considerably earlier. Pure white flowers, saffron cup, tinged rosy scarlet. Magnificent cut-flower. First-size bulbs, 3 cts. each, 25 cts. per doz., \$1.50 per 100, \$12.50 per 1,000. Mother bulbs, 35 cts. per doz., \$2 per 100, \$15 per 1,000.

**POETICUS (Pheasant's Eye).** E. The original late-flowering Pheasant's Eye variety so popular for gardens and naturalizing; pure white flowers with orange cup, edged with red. Height 15 inches. 25 cts. per doz., \$1.25 per 100, \$9 per 1,000.

## Narcissus Poetaz

### THE HARDY CLUSTER-FLOWERED POET'S NARCISSUS

These new hybrids between Poeticus and Polyanthus are hardy, healthy, strong growers, some of the varieties attaining the height of 2 feet. The Poeticus-like flowers are borne in clusters like those of the Polyanthus type. As a border, particularly when edged with Grape Hyacinth, Heavenly Blue, they prove very effective and will become permanent. Excellent for pots, also.

**ASPASIA.** C. Pure white, with yellow cup, having a slight reddish edge when newly opened; broad, large flowers, usually four to a stem. 5 cts. each, 50 cts. per doz., \$3.50 per 100, \$32.50 per 1,000.

**IRENE.** D. Yellow perianth, with deep golden yellow cup; broad flowers borne seven to eight on a stem; three stems to a bulb. The largest yellow. 60 cts. per doz., \$4.50 per 100, \$40 per 1,000.

**ELVIRA.** D. A large flower of remarkable substance, three to four borne on long stems, two and three stems to a bulb; fine for cutting; color pure white, with yellow cup; strong grower and free-flowering; fragrance distinct, resembling that of a gardenia. Height 24 inches. 40 cts. per doz., \$3 per 100, \$25 per 1,000.

## Narcissus Jonquilla (Jonquils)

Very much prized for their charming golden and deliciously sweet-scented flowers, perfectly hardy, and flowering very early in the spring. They are also admirably adapted for winter forcing.

**SINGLE JONQUIL.** E. The well-known favorite, delicately scented and beautiful for forcing. Rich yellow; very fragrant. Makes a delightful cut-flower for table decoration. 20 cts. per doz., \$1.25 per 100, \$10 per 1,000.

**DOUBLE JONQUIL.** B. Heads of small, but very double, deep golden yellow flowers; powerfully scented and good for forcing. 40 cts. per doz., \$3 per 100, \$25 per 1,000.

**ODORUS RUGULOSUS.** A great improvement on the common Single Campenelle Jonquil. Flowers deep yellow and twice the size; four to six flowers on a stem; splendid odor. 40 cts. per doz., \$3 per 100, \$25 per 1,000.

**CAMPENELLE, DOUBLE.** A very free-flowering sort of the Single Jonquil; flowers deep yellow, double; three to four on a stem. 40 cts. per doz., \$3 per 100, \$25 per 1,000.



# Freesia, Purity

## ORIGINAL STOCK GREENHOUSE-GROWN

Our stock of this Freesia is again ready for distribution. Our bulbs have been grown by Freesia specialist, and our customers can rest assured that the stock is **absolutely true**.

## Read What Florist Review says May 25, 1911

### PURITY FREESIA IS MUCH SUPERIOR TO THE ORDINARY REFRACTA ALBA

"Purity is unquestionably the finest of all Freesias, and is eagerly bought in the flower markets in all parts of the country. The plants illustrated were grown by William Nicholson, Framingham, Mass., well-known as a leading carnationist, and are in 10-inch pans. A 24-inch rule is seen standing alongside one pan, the plants in which are 28 inches in height from the top of the pan. Freesias such as these have commanded a fancy price in the Boston market, the first being cut the week before Christmas. Unlike some growers, Mr. Nicholson believes in planting the bulbs quite thickly, and finds he gets excellent results from growing fifty bulbs in a 10-inch pan, the spikes being just as good as when half that number are grown.

"The bulbs, after planting, are stood in coldframes and left there until early 'mums or other crops are out of the way. They are then given shelves well up to the light. In a coolhouse, kept around 45 degrees, the flowers are finer and possess greater substance than when grown warmer. A great mistake is still made by many in Freesia culture in placing the bulbs in heat at once after planting. They should be grown as cool as possible in the earlier stages. Freesias with stems such as Mr. Nicholson's can be arranged magnificently in vases, being preferred by many critical buyers to both roses and carnations. The bulbs from which these fine Freesias were grown came from William M. Matthews, Great Neck, L. I., a grower for Stumpp & Walter Co."

Purity, True (Greenhouse-grown)—	Doz.	100	1,000
MAMMOTH SIZE.....	\$0 75	\$4 50	\$40 00
FIRST SIZE.....	60	3 50	30 00

### REFRACTA ALBA—

JUMBO BULBS.....	40	2 25	20 00
MAMMOTH BULBS.....	25	1 75	15 00
FIRST SIZE.....	15	1 25	10 00

**SNOWSTORM.** A distinct and greatly improved type, producing large sprays of pure snow-white flowers. Foliage less coarse than Purity. Top root..... 35 2 50 20 00



The Purity Freesias illustrated here were grown from our bulbs at Lakeside Gardens, Elberon, N. J., during the spring of 1913

## Spirea

### Arrive in November

For conservatory or window-garden decoration there is no better subject. Are frequently planted out, and flower during spring. They are extensively grown by florists as an Easter plant. Pot upon arrival and store in cool cellar or coldframe until two months before you wish to have them in bloom.

### Rubens Spirea

A new Spirea which the introducer claims to be the finest pink Spirea to date.

50 cts. each, \$5 per doz., \$40 per 100



Spirea, Peach Blossom

	Each	Doz.	100
<b>Peach Blossom.</b> This variety is much of the same habit as Gladstone except in color, which is a soft pink.....	\$0 25	\$2 50	\$12 00
<b>Queen Alexandra.</b> Shrimp-pink; a variety very largely grown on account of its even color and dense, compact spikes.....	25	2 50	12 00
<b>Gladstone.</b> One of the finest and most extensively grown of the white varieties. Spikes of pure white flowers, borne on stems 1½ feet high; foliage excellent.....	20	2 00	10 00

WE STRONGLY ADVISE THOSE WHO HAVE NOT GIVEN OUR PURITY FREESIA A TRIAL TO TRY 50 OR 100 FOR COMPARISON





A crop of Stump & Walter Co.'s *Lilium longiflorum giganteum* at James Weir, Jr. and Sons' Greenhouses, Brooklyn, N. Y. (J. Ebb Weir in the foreground). A magnificent stock ready for Easter, 1914

## SELECTED EASTER LILY BULBS

**CULTURE.**—Plant the bulbs immediately upon receipt, in pots not more than twice their diameter; the soil to be composed of a sandy loam, well enriched with about one-quarter of cow or cattle manure (shredded) and the pot well drained. The bulbs should be placed about half way below the rim or top of the pot, and just covered with soil, well watered, and, after two or three days, set out in a pit or coldframe and covered with 2 or 3 inches of leaves or cocoanut fiber. When the bulbs have become thoroughly rooted, bring inside in a temperature of about 60 degrees, and then fill the pots with soil to within 1 inch of the top. A suitable place for putting pots is under the bench until the bulbs have made growths about 6 inches high, when they may be placed upon the bench. About seven weeks before Easter they may be brought into a warmer temperature, and, if they have good root development, they can be forced in height and flower slowly; about five weeks from flowering time a slight application of liquid manure each week will benefit them greatly.

Spray the foliage once a day (twice a day during clear weather). It is also very important never to allow the soil to get very dry, and never feed unless the soil is moist.

When the buds can be counted easily, move plants where you can get the temperature down gradually, and finally mulch them with either a little sheep manure or bone flour.

### JAPANESE EASTER LILIES

There are two varieties of Easter Lilies very extensively grown in Japan and exported to this country by the million—*Lilium longiflorum Formosum* and *Lilium longiflorum giganteum*. The former is grown on the Island of Formosa, and arrives in this country in **August**; the latter, a later-maturing sort, arrives in **October** and **November**. The *Formosum* differs from the *Giganteum* in that it is not strictly a "cropper," i. e., it does not all flower at the same time but rather over a period. Bulbs planted in August may be had in flower from Christmas well into the spring months. It is a wonderful type of Lily, frequently growing 4 to 5 feet high, and does not require forcing, while the *Giganteum* is more of an even height and is a cropper.

#### Lilium longiflorum Formosum

(Ready for delivery in August)

	Each	Doz.	100
7 to 9 inches in circumference .....	\$0 15	\$1 50	\$11 00
8 to 10 inches in circumference .....	20	2 00	15 00
9 to 10 inches in circumference .....	25	2 50	20 00
10 to 12 inches in circumference .....	40	3 75	30 00
12 to 14 inches in circumference .....	50	5 00	40 00

TRUE BLACK-STEM TYPE

#### Lilium longiflorum giganteum

(Ready for delivery in October and November)

	Each	Doz.	100
7 to 9 inches in circumference .....	\$0 15	\$1 50	\$10 00
8 to 10 inches in circumference .....	20	2 00	15 00
9 to 10 inches in circumference .....	25	2 50	20 00
10 to 12 inches in circumference .....	40	3 75	30 00
11 to 13 inches in circumference .....	45	4 50	35 00

### TRUE BERMUDA EASTER LILY

#### *Lilium Harrisii*

(Ready for delivery in August)

The sizes given below we have found from experience to be the best to offer.

	Each	Doz.	100
7 to 9 inches in circumference .....	\$0 25	\$2 50	\$14 00
9 to 10 inches in circumference .....	50	5 00	30 00

### Covering Material for Bulbs. Peat Litter.

This kind of Peat we have found as excellent material for covering Lilies while out in the frame or pit. Price, per four-barrel bale, \$2.50.

**Cow or Cattle Manure.** (Shredded.) Excellent for use in culture of Lilies; convenient to handle, making it possible to secure this scarce article at all times. 100-pound sacks only. 100 lbs. \$2, 500 lbs. \$9, 1,000 lbs. \$16, ton \$30.



# HARDY LILIES

We especially recommend deep planting, say, from 6 to 10 inches; varieties like Speciosums require at least 10 inches, with an ample amount of sand beneath the bulb to insure proper drainage. Cover the beds with leaves or litter during winter. Lilies thrive well in borders, formal gardens or shrubbery, and usually flower at a time when the shrubbery has ceased blooming, adding increased interest. The following varieties have proved to be sorts that may be planted in the fall or spring with excellent results. We frequently receive orders for *Lilium candidum* for spring delivery. This Lily arrives from France in August, and must be planted by October 1.

Most Lily Bulbs, being of late maturity, do not arrive in our country until October and November, which is conceded to be the best time to plant. Where the ground is liable to freeze before late Lilies arrive, it should be mulched with leaves or manure.

## LILIUM CANDIDUM (Madonna Lily)

Choice Northern-Grown. Arrive in August

The favorite Lily of the old-fashioned garden, produces strong, stiff stems, studded with a mass of pure, glistening white flowers, that enliven the perennial flower-garden or, for contrast with the beautiful green shrubs of the June garden, are unequalled, frequently growing 4½ feet high.

Plant some bulbs during August and September and enjoy a big crop of flowers next June, or pot up, store in coldframe, and force for early winter in the greenhouse or conservatory. Our bulbs of this splendid Lily are grown in northern France, and are the true thick-petaled variety, which is much superior in habit and flowering qualities to that of the cheap, loose, southern-grown bulbs.

	Each	Doz.	100
First-Size Bulbs.....	\$0 10	\$1 00	\$7 50
Mammoth Bulbs.....	15	1 50	10 00
Jumbo Bulbs.....	25	2 50	15 00



*Lilium candidum*

## LILIUM AURATUM

(The Golden-Rayed Lily of Japan)

One of the finest and most popular of the hardy garden Lilies. It thrives best in locations where the lower portion of the plant will be partially sheltered from the hot sun, as among peonies or herbaceous plants in the hardy border, where groups of six to twelve of these Lilies produce a stately and magnificent effect. The flowers are pure white, thickly studded with crimson spots, while through the center of each petal runs a clear golden band. Fully expanded the flowers measure nearly a foot across, are produced abundantly from June to October, and possess a most delicious fragrance. 3 to 5 feet.

	Each	Doz.	100
8- to 9-inch bulbs.....	\$0 10	\$1 00	\$8 00
9- to 11-inch bulbs.....	20	2 25	15 00
11- to 13-inch bulbs.....	40	3 50	25 00
13- to 15-inch bulbs.....	50	5 00	40 00

*Lilium Auratum* will also be furnished at the above prices for spring delivery up to May 1.



*Lilium auratum* (Golden-rayed Lily of Japan)



## HARDY LILIES, continued

### Lilium speciosum magnificum

(Oriental Orchids)

Words cannot describe the beauty of this variety. Frosted white, spotted, clouded and bordered with deep pinkish crimson. A much superior variety to the Roseum, Rubrum or Melpomene of the Speciosum type. For the border, among hardy plants or naturalized among rhododendrons, this is an equal favorite with the *Lilium auratum* offered on the previous page. Splendid for pot culture as well. Blooms outside during August.

	Each	Doz.	100
8- to 9-inch bulbs.....	\$0 10	\$1 00	\$8 00
9- to 11-inch bulbs.....	20	2 25	15 00
11- to 13-inch bulbs.....	40	3 50	25 00

### Lilium speciosum album

The white Speciosum, which is usually grown with Magnificum and *Lilium auratum*, is a very dainty Lily. It flowers outside in the border or among rhododendrons at the same time as Auratum and Magnificum, and is one of the most extensively cultivated varieties.

	Each	Doz.	100
8- to 9-inch bulbs.....	\$0 20	\$2 25	\$15 00
9- to 11-inch bulbs.....	40	3 50	25 00

### Lilium Henryi

(The Yellow Speciosum)

A new and very beautiful hardy Lily from northern China. The plants are of vigorous growth, frequently attaining the height of 6 feet. This Lily is noted for its graceful habit and is an unusually excellent bloomer. It is thoroughly hardy, and, when well established, will increase rapidly. Color rich golden yellow, lightly spotted with brown, and in shape quite resembles the Speciosum types.

**Choice bulbs, 70 cts. each, \$7 per doz., \$50 per 100**



*Lilium speciosum magnificum*

## OTHER HARDY LILIES

Suitable for Garden Culture

**Batemanii.** A truly charming Japanese variety, growing 3 feet high, with six to eight apricot-colored flowers on a stem. Blooms in July and August.

	Each	Doz.	100
<b>Canadense</b> (Canadian Bellflower Lily). One of the most beautiful native Lilies; flowers bright yellow, with spots of red. Blooms in July and August.....	\$0 25	\$2 50	\$18 00
<b>Elegans sanguineum.</b> The richest red known in Lilies; a deep ox-blood-crimson, spotted with black. This variety, like all the varieties of Elegans offered by us, blooms during June and July. Height 2 feet.....	15	1 50	10 00
<b>Elegans, Aurora.</b> Orange, suffused scarlet..	25	2 50	15 00
<b>Elegans, Bicolor.</b> Bright red, flushed orange; very large.....	15	1 50	10 00
<b>Elegans, Leonard Joerg.</b> Rich apricot, spotted very finely.....	20	2 00	12 00
<b>Elegans, Painted Chief.</b> Bright flame-color.	20	2 00	12 00

**Hansonii.** Under favorable conditions attains a height of 3 to 4 feet. Flowers reddish orange, eight to twelve in a cluster; petals thick and durable; a native of Japan, but we have a stock of strong, home-grown bulbs that will give great satisfaction.

	Each	Doz.	100
<b>Longiflorum giganteum.</b> The trumpet Easter Lily; does well outdoors also.	50	5 00	40 00
7- to 9-inch bulbs .....	15	1 50	10 00
9- to 10-inch bulbs .....	25	2 50	20 00

**Pardalinum** (Leopard Lily). Scarlet, shading to rich yellow freely spotted with purple-brown. Height 3 feet.....

	15	1 50	10 00
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**Superbum.** In a collection of best plants of all countries, our native Superbum Lily would deserve a first place. In deep, rich soil it often grows 8 feet high, with twenty to thirty flowers. It is of the easiest culture, and may be grown as a wild flower in any swampy or rough part of a place where the grass is not mown. Extra-selected bulbs.....

	Each	Doz.	100
.....	\$0 15	\$1 50	\$10 00
<b>Tenuifolium.</b> The lovely Coral Lily of Siberia. A great beauty. The brightest of all Lilies. Grows 20 inches high, with finely cut foliage, slender stems and beautifully shaded coral-red flowers. One ought to grow them by the dozen, they are so fine for cutting and making clumps for the lawn. Blooms very early.....	15	1 50	10 00

**Tigrinum flore pleno.** The Double Tiger Lily. The only double Tiger Lily worth growing.....

	15	1 25	8 00
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**Tigrinum splendens.** Improved Single Tiger Lily. 8- to 10-inch bulbs.....

	15	1 50	12 00
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**Umbellatum.** Somewhat similar in habit to Elegans varieties; flowering in large clusters and range in all shades from orange to deep scarlet. Mixed colors. Blooms during June and July.....

	15	1 25	8 00
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**Wallacei.** Orange-scarlet, spotted with maroon. 3 ft. September-blooming.....

	10	1 00	7 00
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## Russian Lily-of-the-Valley Pips

In judging the price of our Russian Lily-of-the-Valley, please remember that the best is the cheapest. Our Valley is positively among the best. Is bought at open prices, with instructions for a selection of the best-developed pips. Our long experience and large importations have commanded this extra selection. Introduced a few years ago, it has now become famous, being forced very extensively by a large number of celebrated Lily-of-the-Valley growers. The Russian Valley produces strong spikes of flowers, about 15 inches in height, bearing from twelve to twenty extra-large, pure white bells, which are delightfully fragrant. For forcing, these pips are the very best that can be planted. **New crop, November delivery, \$2.50 per 100, \$21 per 1,000.**

## RUSSIAN LILY-OF-THE-VALLEY CLUMPS

### For Outdoor Planting

Our Lily-of-the-Valley Clumps are extra selected, well grown and, if planted outdoors by the middle of November, will flower splendidly next spring. If grown under the proper conditions, these clumps will increase rapidly, and every spring produce a profusion of dainty flowers. Extra-strong clumps, 35 cts. each, \$3.50 per doz., \$25 per 100.

## COLD-STORAGE RUSSIAN LILY-OF-THE-VALLEY PIPS

We are prepared to furnish our Russian Lily-of-the-Valley Pips all the year in original cases of

## Lily Bulbs from Cold Storage

The following Lilies are repacked on arrival and put in cold storage for the convenience of our patrons who desire to have Lilies in bloom throughout the year. *Lilium longiflorum giganteum* is extensively forced by the florist trade all the year, and can be forced into bloom in four months; *Lilium speciosum* in four to six months. The main point in the culture of Lilies from cold storage is to keep the bulbs in a cool place or cellar, after potting, so as to produce the greatest root-action before bringing to the light.

We do not recommend *Lilium auratum* from cold storage after May 1, as it is subject to decay.

## LILIUM LONGIFLORUM GIGANTEUM

The best all-round Easter Lily (from cold storage) for forcing. This Lily may be had in bloom at any time of the year desired, if allowed three months from planting time.

	Doz.	100
7 to 9 inches in circumference .....	\$2 00	\$15 00
9 to 10 inches in circumference .....	3 50	25 00

## LILIUM SPECIOSUM

Album. The white Speciosum.	Doz.	100
8 to 9 inches in circumference .....	\$3 00	\$20 00
8 to 10 inches in circumference .....	3 50	25 00

**Magnificum.** This variety is an improvement on Roseum, Rubrum and Melpomene; it is of more robust habit and a freer bloomer, its color being a rich scarlet.

8 to 9 inches in circumference .....	2 00	15 00
9 to 11 inches in circumference .....	3 00	20 00
11 to 13 inches in circumference .....	4 00	30 00

**100 S. & W. Co.'s  
Famous Russian Valley  
for \$3**

**250 S. & W. Co.'s  
Famous Russian Valley  
for \$6.50**

**500 S. & W. Co.'s  
Famous Russian Valley  
for \$12**

**1,000 S. & W. Co.'s  
Famous Russian Valley  
for \$23**

**2,000 S. & W. Co.'s  
Famous Russian Valley  
for \$44**



# STUMPP & WALTER CO.'S SELECTED BULBS



Giant Crocus, Kathleen Parlow

## GIANT-FLOWERING CROCUS EXCELLENT FOR POT CULTURE

**Caesar.** Deep purple; fine, large flower; excellent for pots. 25 cts. per doz., \$2 per 100, \$15 per 1,000.

**Dorothea.** Very soft lavender-blue, a fine self-color for pots; not a large flower but makes a fine effect massed in beds. 25 cts. per doz., \$2 per 100, \$15 per 1,000.

**Julia Culp.** Large; purple, with a narrow white margin, very pretty; good for pots or outdoors. 25 cts. per doz., \$2 per 100, \$15 per 1,000.

**Kathleen Parlow.** Purest white; large flower of fine substance. 25c. per doz., \$2 per 100, \$15 per 1,000.

**Menando.** Pale lilac, striped; fine, large flower, the orange anthers make a delightful contrast; very effective in beds, borders, or pots. 25 cts. per doz., \$2 per 100, \$15 per 1,000.

**Scipio.** White outside, with purple base, and pale mauve stripes inside, orange anthers; splendid pot sort. 25 cts. per doz., \$2 per 100, \$15 per 1,000.

## STANDARD NAMED CROCUS

	Doz.	100	1,000
<b>Albion.</b> Lavender, striped white and violet...	\$0 15	\$1 00	\$9 00
<b>Baron von Brunow.</b> Mauve, shaded purple..	15	1 00	9 00
<b>Caroline Chisholm.</b> Fine white.....	15	1 00	9 00
<b>Cloth of Gold.</b> Golden.....	15	1 00	9 00
<b>Cloth of Silver.</b> White, striped lilac.....	15	1 00	9 00
<b>King of the Blues.</b> Large blue.....	15	1 00	9 00
<b>King of the Whites.</b> Largest white.....	15	1 00	9 00

	Doz.	100	1,000
<b>La Majestueuse.</b> White, striped purple.....	\$0 15	\$1 00	\$9 00
<b>Mont Blanc.</b> Pure white.....	15	1 00	9 00
<b>Purpurea grandiflora.</b> Purple.....	15	1 00	9 00
<b>Sir Walter Scott.</b> White, striped lilac.....	15	1 00	9 00
<b>Yellow, Mammoth Bulbs.</b> .....	15	1 00	9 00
<b>Yellow, Jumbo Bulbs.</b> .....	25	1 50	12 50

## MIXED CROCUS

**Blue, White, Purple, Yellow and Striped.** 15 cts. per doz., 75 cts. per 100, \$6 per 1,000.

**All Colors Mixed.** A mixture of all the above varieties. 15 cts. per doz., 60 cts. per 100, \$5 per 1,000.

## AUTUMN-FLOWERING CROCUS AND COLCHICUMS

Very effective and handsome hardy plants, the flowers of which come through the ground without leaves in the fall, the leaves appearing the following spring. These bulbs can also be grown in the fall of the year in shallow bowls of water, or in pots of earth, when they will come into bloom in two weeks after planting, making a display at a time when blooming plants are scarce.

	Each	Doz.	100
<b>Colchicum autumnale major.</b> Beautiful deep rose; extra-large bulbs.....	\$0 10	\$1 00	\$7 50
<b>Colchicum autumnale, Mixed.</b> White, Purple, Rose, Striped, etc., in many colors.....	05	40	3 00
<b>Colchicum speciosum</b> (Byzantine Wonder). Bright lavender flowers, feathered with blue; orange anthers .....	15	1 50	10 00





Amaryllis, Giant-flowering Vittata Hybrids

## GENERAL LIST OF BULBS

### AMARYLLIS

**Empress of India.** This beautiful Amaryllis is an improvement on the Johnsonii. The flowers are of splendid proportion; ground-color is an intense crimson, with but few light stripes. 75 cts. each, \$8 per doz., \$60 per 100.

**Giant-flowering Vittata Hybrids.** Conceded to be the most noble

and magnificent section of the Amaryllidaceæ. The stock we have supplied for several seasons has been grown in Bermuda, the seed originally supplied by a most reliable hybridist of this plant. It would require a great amount of space to offer them with descriptions of the several representative types, so we confine ourselves to listing in two general classes—red ground, variegated with white; white ground, variegated with red. The red varies in tones from a brilliant fiery color to crimson; the variegation is sometimes a broad blaze of white in the center of each petal; again, the ground-color is white, abundantly streaked with red or crimson. The flower-spikes are from 1 to 3 feet high, the foliage long and graceful. Flowers, borne in clusters, are often 8 inches across. Extra-strong bulbs, 75 cts. each, \$8 per doz., \$60 per 100. Each Doz.

**Belladonna major.** Large; violet and white.....\$0 15 \$1 50

**Equestris** (The Barbadoes Lily). Bright orange-scarlet, with white throat..... 25 2 50

**Formosissima** (Jacobæan Lily). Brilliant scarlet.... 15 1 50

**Johnsonii.** Crimson, striped with white..... 25 3 00

**Hallii** (*Lycoris squamigera*). Bright rosy lilac flowers, fragrant. 3 to 4 inches across, in August. The foliage appears in spring, disappears in June, and is followed two months later by the naked flowers.... 50 5 00

### ACHIMENES

Profuse summer-blooming plants for the conservatory or window-garden. Flowers of many charming colors, ranging through various shades from white to crimson, also spotted. 10 cts. each, 75 cts. per doz., \$5 per 100. Ready in November.

### ALLIUMS

**Neapolitanum.** An excellent variety for winter flow- Doz. 100  
ering, now extensively forced by florists for cut-  
flowers, being of pure white, with green stamens; borne  
in large, loose umbels. Height 15 to 18 inches.....\$0 15 \$1 00

**Moly.** Yellow..... 15 1 00

**Ostrowskyanum.** Rose..... 25 2 00

### ANEMONES

Very showy flowering plants, valued for their hardy nature, and also because they will flower at any required season, according to the time the roots are kept out of the ground. May be grown in pots or forced in frames.

**Poppy-flowered.** These handsome single Anemones Doz. 100  
have large, beautiful, saucer-shaped, poppy-like  
blossoms, flowering continuously throughout spring  
and early summer.

**Single Mixed**.....\$0 25 \$1 50

**Double Mixed**..... 30 1 75

**Fulgens.** The rich, dazzling scarlet flowers and light,  
elegant growth render it the most attractive flower  
of spring. It is valuable for cutting, as it lasts a long  
time..... 50 3 50

**St. Brigid.** A new and greatly improved race of Irish  
introduction. The flowers are double, semi-double  
and single, and range in color from maroon and  
deep scarlet to flesh-pink, and from lilac to purple .. 35 2 50

Amaryllis bulbs may be grown with excellent results in bowls or jardinières without drainage, in the home, if potted in our cocoanut fiber. Price, 5 lbs. 20 cts., 25 lbs. 75 cts.



## Anemones (Hardy Varieties)

Splendid for naturalizing in the grass, wild garden or border.

**Apennina.** Rich blue flowers about 1 inch in diameter; elegantly cut foliage; blooms profusely in the early spring; fine in garden borders and naturalized. Height 6 inches. 30 cts. per doz., \$2 per 100, \$15 per 1,000.

**Blanda.** One of the earliest and largest-flowering of the spring-flowering Anemones, blooming with the snowdrops and crocus; color ranges from light to dark blue. Splendid for naturalizing, also good for pot culture for winter blooming. Selected bulbs, 50 cts. per doz., \$3 per 100, \$27.50 per 1,000.

## ANOMATHECA CRUENTA

(Scarlet Freesia)

A very pretty plant for pot culture. Grows about a foot high; flowers resemble the freesia in form, but are of a beautiful scarlet. 15 cts. per doz., \$1 per 100.

## CAMASSIA

**Esculenta.** Perfectly hardy, thriving in sheltered and partially shaded situations. Graceful flowers borne on sturdy spikes. Height 14 inches. 25 cts. per doz., \$1.25 per 100, \$10 per 1,000.

**Cusickii.** Pale lavender, starry flowers, with yellow anthers; a robust-growing variety, with tall spikes. Splendid for border planting. Height 2 to 3 feet. 75 cts. per doz., \$5.50 per 100, \$50 per 1,000.

## CHIONODOXA

(Glory-of-the-Snow)

An early-flowering spring bulb for borders or rockery. Produces flower-spikes bearing ten to fifteen scilla-like flowers. Perfectly hardy and should be planted close together for effect.

**Gigantea.** Soft lavender-blue, whitish center. Mother bulbs, 30 cts. per doz., \$2 per 100, \$15 per 1,000.

**Luciliae.** Deep blue, with a white center. Selected mother bulbs, 25 cts. per doz., \$1.50 per 100, \$11 per 1,000.

**Sardensis.** True gentian-blue, very striking. Selected mother bulbs, 25 cts. per doz., \$1.50 per 100, \$11 per 1,000.

## CROWN IMPERIALS

Well-known hardy border plants, bearing clusters of immense, pendent, bell-shaped flowers, surmounted with a tuft of green leaves. They do better if planted in good, rich soil, and may be left undisturbed for years.

<b>Aurora.</b> Red.....	Each	Doz.	100
	\$0 15	\$1 50	\$12 50

<b>Crown-on-Crown.</b> Several whorls of flowers, one above the other.....	20	2 00	15 00
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<b>Gold-striped.</b> Crimson; variegated foliage..	25	2 50	20 00
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<b>Sulphureus.</b> Sulphur-yellow.....	20	2 00	15 00
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<b>Mixed Varieties</b> .....	10	1 00	8 00
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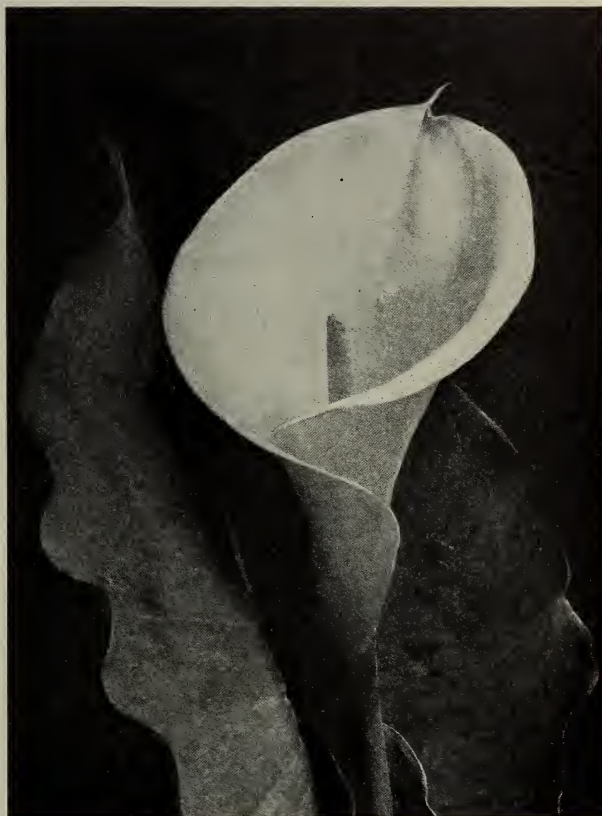
## CYCLAMEN PERSICUM

### GIGANTEUM

We have a magnificent strain of this most desirable greenhouse bulb which has been grown especially for us, and which we know to be far superior to any stock heretofore offered. Can only be grown indoors. Top of the bulbs, when potted, should slightly protrude above the soil. Large-sized bulbs in the following colors: Rose, White, Crimson and Salmon, 25 cts. each, \$2 per doz., \$12 per 100.

### Yellow Calla Lily (*Richardia Elliottiana*)

Our patrons who have not grown the Yellow Calla Lily should try a few bulbs. A charming pot-plant in every way.



White Calla Lily

## CALLA LILIES

These like a stiff, clayey soil with a small quantity of shredded cow manure; bulbs should be set with the crown, or top, protruding just above the surface. When in growing condition, warm water given several times during the week will hasten the flowering period and increase the number of blooms. Of the large-flowering varieties plant but one in a pot; of the Little Gem plant from three to six in a pot. We call especial attention to the Yellow Calla, which is one of the grandest varieties in cultivation, and most valuable for house or conservatory decoration. See the description below. Plant Callas indoors only in the fall of the year.

<b>WHITE</b> ( <i>Richardia Ethiopica</i> ).	Each	By mail	Doz.	100
<b>Monster Size</b> .....	\$0 40	\$0 45	\$4 00	\$30 00
<b>Mammoth Size</b> .....	25	30	2 50	17 50
<b>Medium Size</b> .....	15	18	1 50	10 00
<b>First Size</b> .....	10	12	1 00	7 50

**BLACK.** Dark flower. Should be watered sparingly until growth appears. Ready in October. 15 cts. each, \$1.50 per doz., \$10 per 100.

**SPOTTED.** White flower; green foliage, spotted white. Blooms very profusely and makes a handsome pot-plant. Ready in October. 10 cts. each, \$1 per doz., \$7 per 100.

**LITTLE GEM.** Our stock of these is genuine, being procured directly from the original source. The plant and flower are indeed a curiosity. In appearance and growth it is just like the White Calla, except that the flower and plant are much smaller. They are very free bloomers and are excellent for cutting or as pot-plants. 10 cts. each, \$1 per doz., \$6 per 100.

**YELLOW** (*Richardia Elliottiana*). A grand novelty, one that should be planted extensively. The deep golden yellow flowers are truly magnificent and produced in abundance. The green foliage is spotted creamy white, which adds to its beauty. 40 cts. each, \$4.50 per doz., \$30 per 100.



## DIELYTRA SPECTABILIS

(Bleeding Heart)

Ready in November

A very ornamental spring-flowering plant. The flowers, which are heart-shaped, produced on long, drooping stems, are of a beautiful rose-and-white color combination. It is the earliest spring plant to flower, with the exception of some bulbs. After the flower has bloomed the plant makes a very attractive appearance with its foliage. In order to make strong root-development, the top may be cut away to the ground after the foliage has thoroughly developed. Dielytra forces very readily and is very attractive in a greenhouse or conservatory. We offer very strong, large roots 25 cts. each, \$2.50 per doz., \$15 per 100.

## ERANTHIS HYEMALIS (Winter Aconite)

Early in spring the golden blossoms look charming, resting on an emerald-green cushion of leaves, and forming a striking contrast to the snowdrops, scillas and chionodoxas. The foliage remains long after the flowers, making the plant especially valuable in moist situations, such as under trees, which the Winter Aconite enjoys, and where few other flowering plants will thrive. 3 to 8 inches high. 25 cts. per doz., \$1.50 per 100, \$10 per 1,000.

## ERYTHRONIUM (Dog's-Tooth Violet)

Beautiful, hardy plants, especially suited to moist, shady situations; the leaves are handsomely variegated; flower-stems about a foot high, bear lily-like blossoms of different colors; does well in pots.

**Americanum.** Large, cream-colored flowers, with maroon base; leaves richly mottled. 50 cts. per doz., \$2.50 per 100.

**Dens-Canis album.** White. 25 cts. per doz., \$2 per 100.

**Dens-Canis, Rose Queen.** 25 cts. per doz., \$2 per 100.

**Dens-Canis, Purple Flag.** 35 cts. per doz., \$2.50 per 100.

**Dens-Canis, Mixed.** 15 cts. per doz., \$1 per 100.



Grape Hyacinths Heavenly Blue

## EREMURUS ROBUSTUS

A noble and rare bulbous plant from Turkestan, and one of the choicest subjects for the permanent hardy border. It thrives best in a well-drained, sheltered, sunny position, and prefers a deep, sandy loam to which has been added a liberal quantity of well-rotted cow manure. A covering of 4 or 5 inches of leaves or litter will be beneficial and save the young shoots, which start early, and are liable to be damaged by late frosts. It produces immense flower-stems, 6 to 10 feet high, bearing a dense raceme of flesh-pink flowers, each nearly 2 inches across. Extra-strong, flowering roots. 75 cts. each, \$6 per doz. Ready in October.

**Himalaicus.** Another noble variety from the temperate Himalayan Mountains, 4 to 8 feet high. Raceme nearly 2 feet long, of lovely pure white flowers as large as a fifty-cent piece. This is perhaps the hardest and easiest grown of this magnificent genus. Strong, flowering roots, 75 cts. each, \$6 per doz. Ready in October.

## FRITILLARIA MELEAGRIS

Singular, dwarf, spring-flowering plants, bearing large, pendent bell-shaped flowers of various colors, in yellow, white, black, purple, striped and splashed and checkered in the most curious way. They are invaluable for pot culture, and exceedingly pretty when grown in large groups in the garden border or wild garden in a dry situation. **Meleagris alba.** Pure white. 5 cts. each, 30 cts. per doz., \$2 per 100. **Mixed Varieties.** 3 cts. each, 25 cts. per doz., \$1.50 per 100.

## GLOXINIAS

S. & W. Co.'s Superb Strain

Ready in December

**Emperor Frederick.** Red, bordered white.

**Emperor William.** Violet, bordered white.

**Princess Elizabeth.** White, bordered blue.

**Mont Blanc.** Pure white.

**Viola cea.** Dark violet.

**Queen Victoria.** Dark rose.

**Madame Helene.** White, crowned violet.

**Defiance.** Scarlet.

**Princess Mathilda.** White, bordered rose.

**King of the Reds.** Deep scarlet.

**Prince Albert.** Dark violet.

**Finest Mixed.**

15 cts. each, \$1.50 per doz., \$10 per 100

## GRAPE AND FEATHERED HYACINTHS

Very beautiful little flowers for planting in masses, either in shade or where exposed to the sun. When planted out in herbaceous borders, where they can be left undisturbed, they do exceedingly well; each year adding to their already profuse-blooming qualities.

**Azureum.** Bright blue. One of the earliest spring flowers. Blooms outside middle of February. 35c. per doz., \$2.50 per 100.

**Botryoides alba** (White Grape Hyacinth). 15 cts. per doz., \$1 per 100, \$8 per 1,000.

**Botryoides cerulea** (Blue Grape Hyacinth). 15 cts. per doz., \$1 per 100, \$8 per 1,000.

**Heavenly Blue.** This variety is the largest and best of the Grape Hyacinths. The bells are large and form a fine truss. Splendid effects are produced by massing in the garden or border. 35 cts. per doz., \$2.50 per 100.

**Plumosum.** (Feathered Hyacinth). Violet-blue. An excellent subject for the wild garden. 25 cts. per doz., \$1.25 per 100.

The variety Heavenly Blue when used as a border around Narcissi makes a splendid contrast. Excellent for growing in fiber in shallow dishes in the home.



## WINTER - FLOWERING GLADIOLI

### Cardinalis, Nanus or Colvillei Type

Ready in November

This Gladiolus belongs to the most useful class of all. They can be forced by the end of March, and come in very useful when most of the other bulbs have gone. Noted for their lasting qualities; every flower opens to the extremity of the spike. Their rich coloring and vivid markings on the lip petals rival those of the orchids, and we recommend them either for border planting or for forcing in pots or flats.

#### Eight Grand Varieties

<b>Ackermannia.</b> Salmon-orange, with white blotches, edged scarlet.....	Doz.	100	1,000
	\$0 25	\$1 50	\$12 00
<b>Alexis.</b> Beautiful salmon-pink, creamy blotch, edged deep carmine.....	35	2 00	15 00
<b>Blushing Bride.</b> A very popular sort forced by the millions; delicate pink ground, with carmine blotch.....	20	1 00	8 00
<b>Charles MacIntosh.</b> Deep brilliant scarlet, purple blotch; very beautiful.....	35	2 00	15 00
<b>Delicatissima superba.</b> Pure white, flaked rosy crimson; a most graceful and effective variety, with long, branching spikes.....	40	3 00	25 00
<b>Peach Blossom.</b> A variety as extensively forced as Blushing Bride; of a uniform peach-blossom-pink.....	25	1 50	12 00
<b>The Queen.</b> A grand new white variety; large flowers, borne on tall spikes.....	50	3 50	30 00
<b>The Bride.</b> A small-flowered type used very extensively for forcing in greenhouses among carnations, etc. Compact spikes of pure white flowers..	25	1 00	8 00



Gladiolus, Peach Blossom

### Large-Flowering Gladioli

Ready in December

The following five varieties, which are of proved value for outdoor planting, are equally good for forcing. A carnation temperature suits them best.

- America.** Best of the light pinks. 35 cts. per doz., \$2.50 per 100.
- Augusta.** Best of the whites for forcing. 60 cts. per doz., \$4 per 100.
- Brenchleyensis.** Dazzling vermilion-scarlet. Few varieties are equal in brilliance. 50 cts. per doz., \$3 per 100.
- May.** White, flaked crimson; splendid forcer. 50 cts. per doz., \$3.50 per 100.
- Mrs. Francis King.** Flowers of gigantic size; soft scarlet; on stems 4 feet long—often longer when grown outdoors. 50 cts. per doz., \$4 per 100.

## IXIAS

The Ixia is a beautiful little winter-flowering bulb, with long, slender, graceful spikes of bloom. The colors are rich, varied and beautiful, the center always differing in color from the other parts of the flower, so that the blossoms, expanding in the sun's rays, present a picture of gorgeous beauty. Very desirable for pots.

- Alba mutabilis.** Rose, changing to white.
- Craterioides major.** Beautiful, brilliant scarlet.
- Golden Drop.** Golden yellow, dark center.
- Morning Star.** Bright rose.
- Viridiflora.** Soft green with velvety black center; very beautiful.
- Named sorts,** 75 cts. per doz., \$5 per 100. **Mixed varieties,** 40 cts. per doz., \$2.50 per 100

## NERINES (Amaryllidaceæ)

There is an ever-increasing demand for these exquisitely beautiful flowering bulbs. Established in pots in an ordinary greenhouse, with a temperature ranging from 35 degrees to 60 degrees, they produce annually their large, handsome umbels of blooms on scapes varying from 12 to 24 inches long. The best time for repotting is during August, using a good sandy loam with a little leaf-mold and well-decayed cow manure. Flowering as they do in October and November, we find them a very excellent subject.

- Coruscans.** Brilliant orange-scarlet. 75 cts. each, \$7.50 per doz., \$50 per 100.
- Fothergilli major.** Vivid scarlet; nothing in the way of color can surpass the splendor of this flower, and its texture seems too delicate even for that of a flower; by artificial light the crystalline cells of the petals sparkle like jewels. It is also the most floriferous of the group. 75 cts. each, \$6.50 per doz., \$50 per 100.
- Flexuosa excellens.** Bright rosy pink; a very beautiful variety. 50 cts. each, \$5 per doz., \$40 per 100.
- Sarniensis** (True Guernsey Lily). Color deep rose. 25 cts. each, \$2.50 per doz., \$20 per 100.

### Nerines Grown in Fiber.

We have had excellent success in growing this beautiful bulbous plant in fiber and would recommend our customers trying same. Sufficient fiber to plant half dozen bulbs 25 cts., one dozen bulbs 50 cts.



## NEW SPANISH IRIS

(*Iris Hispanica*)

**Selected Top-Roots for Forcing or Planting Out**

A very beautiful flower, and an old inhabitant of English gardens. This Iris is absolutely hardy in the severe New England climate, and does particularly well in light, friable soil between shrubs and perennials. The flowers are produced in early June, and the display of the bright colors make a most gorgeous effect. The proper thing to do is to mass about fifty bulbs of a single variety in a clump and allow them to remain in the ground undisturbed until the grassy stalks show the impoverished soil and degenerated roots. We have carefully selected the varieties offered herein, and know they will give perfect satisfaction.

**Beauty.** Pale lavender-blue; large and fine grower.

**Bronze Queen.** Rich bronze-brown and yellow; very fine.

**Cajanus.** Bright yellow; large flower; good, strong grower.

**King of the Blues.** Deep dark blue; a very handsome variety.

**King of the Whites.** Pure white; very large and tall.

**La Neige.** Snow-white; large flower, quite tall; a little later than preceding sort.

**Sweetheart.** Creamy white, orchid-like flower, with beautiful, imbricated falls. Height 20 inches.

**Unique.** Light blue, upper part of the flower dark blue, lips pure white; very distinct.

**Extra-selected bulbs of any of the above varieties,**  
25 cts. per doz., \$1.25 per 100, \$9 per 1,000

## ENGLISH IRIS

(*Iris Anglica*)

This type is very similar in character to the Spanish varieties, but somewhat dwarfer, more robust, with heavier foliage and larger flowers, flowering two weeks later. These are not suited to forcing, blooming in June.

**Bleu Celeste.** Pale blue.

**Emperor.** Deep violet.

**La Majestueuse.** Lilac, flaked blue.

**Miss Barkley.** White, flaked red.

**Mont Blanc.** Pure white.

40 cts. per doz., \$2.50 per 100, \$22 per 1,000

## IRIS HOLLANDICA

**New Early-Flowering Dutch Iris**

This race of Iris is best described as a giant strain of very early flowering *Iris Hispanica*, but in all respects greatly superior to this, as the flowers are of enormous size and remarkable substance; the foliage is very broad and of a glaucous-green. The range of colors is as much varied as with *Iris Hispanica*, some of the varieties having delicate, soft shades of blue and white, whilst the deep blues are very showy, being of an exceedingly rich tone, relieved by a large golden orange-yellow central spot. The time of flowering is two to three weeks before even the earliest Spanish Iris, which is very important. These new giant Xiphiums want the same soil as *Iris Hispanica* or *Anglica* and are best planted at the end of September. In very cold districts protection against frost is needed.

**Anton Mauve.** Very large and substantial flower of a Doz. 100  
most pleasing tone of uniform soft blue; very choice  
and of unique color.....\$1 75 \$10 00

**David Teniers.** Pale lavender, falls citron-yellow; tall  
grower.....1 50 9 00

**Hobbema.** Large flower; white, inside faintly tinged Doz. 100  
blue, falls large, palest yellow, with orange blotch..\$1 50 \$9 00

**J. Weissenbruck.** Uniform pale mauve.....1 00 6 00

**Rembrandt.** One of the showiest varieties, of magni-  
ficent deep blue, with a large orange-yellow blotch..1 50 9 00

## IRIS FILIFOLIA

Dark purplish blue, with orange blotch. Individual flowers vary slightly in the shades of blue. A species similar to Spanish Iris, but flowering two weeks earlier. Needs slight protection when planted outside. 50 cts. per doz., \$3.50 per 100, \$30 per 1,000.

## MOURNING IRIS (*Iris Susiana*)

The groundwork of the flower is silvery gray, so mottled and veined and lined with dark chocolate and black as to leave one under the impression that it is only a silver lining showing through. 10 cts. each, \$1 per doz., \$7 per 100.





Japanese Iris

## JAPANESE AND GERMAN IRIS

The Japanese and German Irises are perfectly hardy, and flower in greatest profusion.

German Iris usually flowers in June and the Japanese in July, and attain their greatest perfection if grown in moist soil, or if plentifully supplied with water while growing and flowering. Our stock is *American-grown*, and no effort is spared to keep it true to name and color. They are thoroughly acclimated and hardy.

The varieties offered below have been chosen from a list of the finest Japanese and German sorts, which were tested out, and only the best and most distinct varieties grown. We offer below six of the best "double" varieties, or six-petal, and six of the "single," or three-petal sorts of Japanese Iris. Both are equally valuable as cut-flowers, for which purpose they should be cut in a bud state, permitting the blooms to expand after being placed in water. Our selection of German Iris consists of the best twelve varieties.

Delivery can be made at any time desired. Early fall, however, is the best time to plant, as it gives the plant a splendid chance to get established before winter sets in. We furnish plants with three to four shoots, and all will flower the first season after planting. A great mistake is made in planting unusually large clumps of Japanese and German Iris, as not infrequently they die out in the center of the clump during the first winter, thereby making an unsightly effect the following summer, and necessitating lifting, dividing and replanting.

### JAPANESE IRIS (*Iris Kaempferi*)

#### Double Varieties

- Gold Boud.** Pure white; one of the finest.  
**La Favorite.** Large; ground-color white, freely veined deep blue.  
**Mahogany.** Deep, dark red, shaded maroon; most beautiful.  
**Mount Hood.** One of the finest light blues, shaded darker blue.  
**Oriole.** Magnificent crimson, with bright golden orange center.  
**Pyramid.** Lilac-blue, veined white in center of each petal.

#### Single Varieties

- Apollo.** Beautiful pure white, center light pink.  
**H. von Sieboldt.** Reddish, veined white, center bright yellow.  
**Lavender Queen.** Beautiful deep shade of lavender.  
**Ondine.** White, shaded light blue toward the center.  
**Shadow.** A grand self-color, deep purple, shaded red.  
**Toledo.** White, center light purple, one that you should not fail to grow, even in a limited collection.

Any of the above sorts, 15 cts. each, \$1.50 per doz., \$10 per 100

**Pallida Dalmatica.** This is the grandest variety of all the German Irises. Color deep, clear lavender; very large flowers, sweet-scented. This Iris should be planted largely where cut-flowers are in demand, as it is certainly the best of its class. A grand variety for massing in borders; it is superb. 25 cts. each, \$2.50 per doz., \$20 per 100.

### GERMAN IRIS (*Iris Germanica*)

- Admiral Togo.** White, faintly tinged lavender; falls and standards lightly bordered purple. Of the habit of Madam Chereau.  
**Brooklyn.** Standards lavender, yellow at base; falls pale blue, base veined brown on a white ground.  
**Charles Dickens.** Standards blue; falls dark blue, suffused and veined dark violet; anthers white, tipped yellow.  
**Florentina alba.** An excellent variety for cutting and an early bloomer. Flowers ivory-white, tinged with lilac. The "orris" of commerce.  
**Hokanum.** Standards yellow, blotched with brown; falls rich purple, flecked with white, base tinted yellow.  
**Lizzie.** Standards pure yellow; falls dark, bronzy crimson.  
**Madam Chereau.** Pure white, edged with azure-blue; falls deep white with blue penciling.  
**Mrs. H. Darwin.** Very fine, large white.  
**Parisensis.** Uprights fine blue; falls deep blue; large and very early; fine companion to Florentina alba.  
**Rebecca.** Standards golden yellow; falls yellow and brown.

Any of the above sorts, 10 cts. each, \$1 per doz., \$6 per 100



## LEUCOJUM VERNUM

(Spring Snowflake)

Pretty bulbous plants allied to the Snowdrop, but of much stronger and bolder habit, growing in rich soil from 1 to 2 feet high, and producing freely beautiful large white flowers, distinctly tipped with green; excellent for cutting. When once planted they take care of themselves, and should have a place in all hardy collections; can also be grown in pots. 25 cts. per doz., \$1.50 per 100, \$12 per 1,000.

## ORNITHOGALUM

**Arabicum** (Star of Bethlehem). Very desirable for pot culture in the window-garden. The flowers are large, pure white, with a black center; borne on a tall spike. 10 cts. each, 40 cts. per doz., \$2.50 per 100.

**Umbellatum** (American Star of Bethlehem). Used for naturalizing. \$1 per 100, \$8 per 1,000.

## RANUNCULUS

Very charming, dwarf, flowering plant having flowers of various bright, attractive colors. Plant late in autumn, about 3 inches deep, and protect by straw or leaves.

**French Mixed.** 5 cts. each, 25 cts. per doz., \$1.50 per 100.

**Persian Mixed.** 5 cts. each, 20 cts. per doz., \$1 per 100.

**Turban Mixed.** Hardest sort. 5c. each, 20c. per doz., \$1 per 100.

## SPARAXIS

They were formerly included in the genus *Isia*, and bear a close resemblance to them, the main points of difference being that the *Sparaxis* are of more compact habit of growth, the flowers more bold, and somewhat larger and the flower-spikes are not more than half as high, rarely growing more than 6 inches. Especially desirable for the window garden.

**Splendid Mixed Varieties.** 20c. per doz., \$1.25 per 100. If ordered by mail, add 5 cts. per doz. for postage.

## SNOWDROPS

These elegant little flowers, the first to open in spring, should be found in every garden, not only because they are the earliest spring flowers, but because they are the loveliest. The Snowdrop thrives in almost any situation or soil, and should be planted as early in the autumn as possible, as they suffer much if left long out of the ground.

	Doz.	100	1,000
<b>Single Snowdrops.</b> Selected bulbs.....	\$0 25	\$1 25	\$8 00
<b>Double.</b> Selected bulbs.....	35	2 00	15 00
<b>Elwesii</b> (Giant Snowdrops). Selected bulbs...	25	1 25	8 00

## STERNBERGIA LUTEA

Large, pure yellow, crocus-like flowers, which are produced with the leaves during late autumn. This is supposed by some writers to be the true lily of the Scriptures, as it grows abundantly in the vales around Palestine. 10 cts. for 3, 30 cts. per doz., \$2 per 100.

## TRILLIUM GRANDIFLORUM

(Great American Wood Lily)

This is one of the most beautiful American plants, perfectly hardy, growing and flowering profusely in partially shady nooks about the lawn, under trees, etc. The flowers are large, of the finest white, changing in a few days to soft rose; if grown several in a pot, it makes one of the best white winter flowers. 10 cts. each, 75 cts. per doz., \$5 per 100.

## OXALIS

An unrivaled winter-flowering pot-plant of the easiest culture, succeeding with everybody

This is one of the finest flowering plants for pot culture that we have ever seen; it is such a strong, luxuriant grower that five or six bulbs will be sufficient for a 6- or 8-inch pot. Place in a dark, cool position for several days to root thoroughly, and remove to a sunny situation in the window or conservatory in a temperature of about 60 degrees Fahr., and the great profusion of bloom produced in uninterrupted abundance for weeks will astonish and delight you.

**Bermuda Buttercup.** This is one of the finest of the list we are offering; blooms very profusely for weeks; the color is a bright buttercup-yellow, the foliage an attractive light green. 5 cts. each, 50 cts. per doz., \$2.50 per 100.

**Bowiei.** Bright rosy crimson; large flower; foliage very attractive. 5 cts. each, 50 cts. per doz., \$2.50 per 100.

**Grand Duchess.** This is a California species of great beauty, dwarf in habit, flowers large and well above the foliage. White, Pink or Lavender 5 cts. each, 50 cts. per doz., \$2.50 per 100.

## SCILLAS

(Wood Hyacinth, Siberian Squill, or English Bluebell)

### Campanulata (Wood Hyacinth)

Bears spikes, 15 inches high, of bell-like flowers, during early May.

Plant 5 or 6 inches deep in shady situations. Very effective for borders; will grow under fir or pine trees.

**Alba maxima.** Clear white, with very fine, large bells. 25 cts. per doz., \$1.50 per 100, \$10 per 1,000.

**Blue Queen.** Erect spikes of porcelain-blue flowers; strong grower. 25 cts. per doz., \$1.50 per 100, \$10 per 1,000.

**Excelsior.** Bright deep blue, with large bells. 30 cts. per doz., \$1.75 per 100, \$12 per 1,000.

**Rose Queen.** Bells of soft lilac-rose; very pretty. 30 cts. per doz., \$1.75 per 100, \$12 per 1,000.

### Scilla Sibirica

(Siberian Squill)

Spikes 3 to 4 inches high, of small, drooping, bell-like flowers. Fine for massing in borders or naturalizing. Plant 3 to 4 inches deep. Blooms in April.

**Blue.** Splendid for massing. Jumbo bulbs, 30 cts. per doz., \$1.75 per 100, \$12 per 1,000.

**White.** A variety sometimes used for interspersing with the blue sorts. 25 cts. per doz., \$1.50 per 100, \$10 per 1,000.

### Scilla nutans

Arching spikes, with drooping, bell-like flowers. Fine for naturalizing. Plant 5 to 6 inches deep. May flowering. Height 15 in.

**Blue** (The English Bluebell). Dark violet-blue. 20 cts. per doz., \$1 per 100, \$8 per 1,000.

**White.** White variety of the above. 20 cts. per doz., \$1 per 100, \$8 per 1,000.

**Rose Queen.** Beautiful shade of lilac-rose. 25 cts. per doz., \$1.50 per 100, \$10 per 1,000.

## PUSCHKINIA scilloides

A hardy bulbous plant of great beauty; flowers white striped with pale blue, on spikes. It succeeds well in pots for winter blooming, and is admirably adapted for edgings and forming patches in front or mixed borders, flowering in April and May. Height, 4 to 8 inches. 20 cts. per doz., \$1.25 per 100.

## TUBEROSES

Arrive in November

When planted in pots, during November to January, these bulbs will flower during the winter. **First Size**, 5 cts. each, 35 cts. per doz., \$2 per 100; **Mammoth Bulbs**, 10 cts. each, 60 cts. per doz., \$4 per 100.



Oxalis, Bermuda Buttercup





## HERBACEOUS PEONIES TWENTY MODERN VARIETIES

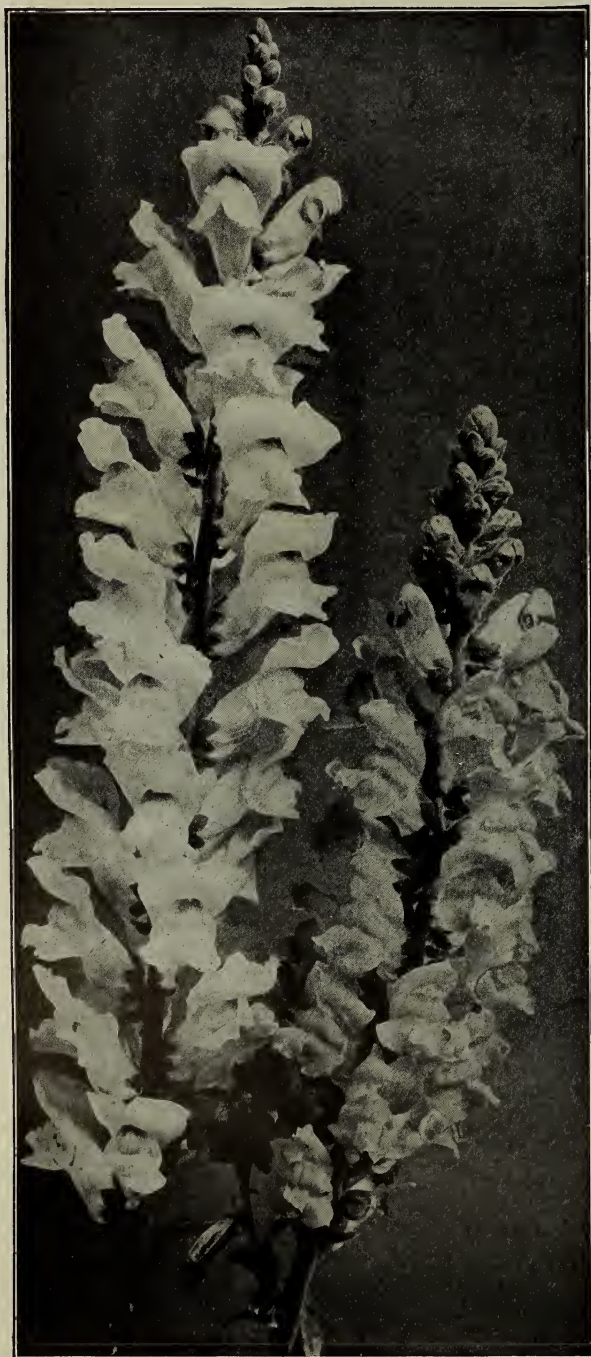
Peonies rank among the most beautiful of all hardy perennials, and no garden is complete without their charming influence. The popular interest in many parts of the world has brought a very gratifying improvement in the Peony. In the newer sorts gigantic flowers have been produced, reaching, in many instances, the large size of 7 to 9 inches in diameter and 5 to 6 inches in depth, with strong, stiff stems  $2\frac{1}{2}$  to 3 feet long. The permanency of the Peony should especially recommend them to your favor; for, once planted in suitable soil, they will continue to grow better and larger each year. If planted from September to November, will flower the following year.

	Strong 2-yr.-old roots		Strong 3-yr.-old clumps			Strong 2-yr.-old roots		Strong 3-yr.-old clumps	
	Each	Doz.	Each	Doz.		Each	Doz.	Each	Doz.
<b>Alba plena.</b> Immense, pure white flowers; of robust habit and a very free bloomer.....	\$0 35	\$3 50	\$0 50	\$5 00	<b>Lady Bramwell.</b> Although of known origin, a splendid Peony. Beautiful early flower of glossy pink; very fragrant.....	\$0 50	\$5 00	\$0 75	\$7 50
<b>Berlioz.</b> (Crousse.) Brilliant dark red, tinted rose; flowers very large size, imbricated. A fine dwarf grower; excellent keeper.....	50	5 00	75	7 50	<b>Louis Van Houtte.</b> (Calot.) Rich, glowing purplish pink, tipped with silver; very brilliant coloring; fragrant, medium-large flower.....	50	5 00	75	7 50
<b>Candidissima.</b> (Calot.) Large, cream-white guard petals; center sulphur-yellow, with green heart, very full and compact; habit slightly drooping. The earliest of the white- and yellow varieties.....	35	3 50	50	5 00	<b>Mme. Chaumy.</b> (Calot.) Globular; soft pink, much like Lady Bramwell, only larger and later.....	50	5 00	75	7 50
<b>Couronne d'Or.</b> (Calot.) Large, flat, semi-rose type; pure white, with a ring of yellow stamens around a tuft of center petals, tipped carmine. Medium tall, vigorous grower and free bloomer. Late.....	50	5 00	75	7 50	<b>Mme. de Verneville.</b> (Crousse.) Very full bloom, sulphur-white, broad guard petals.....	75	7 50	1 25	12 50
<b>Duchesse de Nemours.</b> (Calot.) Guard petals white, center lemon-yellow with greenish reflex. Large, cup-shaped, full bloom; fragrant.....	75	7 50	1 25	12 50	<b>Meissonier.</b> (Crousse.) Globular; brilliant purplish red; slightly fragrant; free bloomer; stems long; habit of plant medium tall.....	75	7 50	1 25	12 50
<b>Duc de Wellington.</b> (Calot.) Very large, well formed, sulphur-white bloom; habit ideal; stems very firm and long. Strong grower; very fragrant. Scarce.....	75	7 50	1 25	12 50	<b>Monsieur Barral.</b> (Calot.) Very large, compact, rose type; uniform, pale lilac-rose; fragrant; free bloomer....	75	7 50	1 25	12 50
<b>Eduis superba.</b> (Lemon.) Large, loose bloom of dark pink of even color, flat when fully open; fragrant; upright, strong-growing plant. Early.....	75	7 50	1 25	12 50	<b>Mons. Jules Elie.</b> (Crousse.) Immense, globular, full flower, imbricated rosiform; broad petals of finest, glossy, flesh pink, deeper tint at base of the petals.....	1 00	10 00	75	7 50
<b>Festiva maxima.</b> (Mieliez.) In some respects this is yet a peerless flower—Queen of the Whites. Though introduced more than fifty years ago, it is almost impossible to supply the demand. It is an immense white flower, with drops of carmine sprinkled in the center. An early bloomer and a good keeper.....	50	5 00	85	8 50	<b>Queen Victoria.</b> Large, full, compact bloom, with fine, broad guard petals; opens flesh-white, center petals tipped with red blotches. One of the best cut-flower varieties, as it is an exceptional shipper and keeper.....	50	5 00	75	7 50
<b>L'Indispensable.</b> Lilac-white, shading to pale violet-rose toward the center.....	1 00	10 00	1 50	15 00	<b>Rosea grandiflora.</b> Beautiful pale rose; large, globular flower; very fragrant.....	50	5 00	75	7 50
					<b>Rubra triumphans.</b> (Guerin.) Very early; bright purplish crimson; large flower. Often blooms single the first year.....	50	5 00	75	7 50
					<b>Van Dyck.</b> (Crousse.) Large, globular, loose-crown flower; guard petals and center pure mauve, collar cream-white. Erect grower; blooming in midseason.....	50	5 00	75	7 50



# Flower Seeds for Autumn Sowing

NOTE. For Perennial Flower Seed see our Midsummer Catalogue. Free on request



Antirrhinum, Giant-flowering

## ANTIRRHINUM (Snapdragon)

### TALL VARIETIES

	Pkt.	1/4oz.
<b>Giant Coral-Red.</b> Very pretty and attractive shade..	\$0 10	\$0 35
<b>Giant Blood-Red.</b> Very beautiful shade.....	10	35
<b>Giant White.</b> Excellent cutting variety.....	10	35
<b>Giant Yellow</b> .....	10	35
<b>Giant Queen Victoria.</b> A very large white.....	10	35
<b>Giant Rose Dore.</b> A lovely new shade, a pretty self-salmon-rose.....	10	35
<b>Giant Fairy Queen.</b> Rich orange-salmon, with white throat.....	10	40

### DWARF VARIETIES

<b>Snowflake.</b> New. Splendid pure white.....	25	75
<b>Golden Queen.</b> Yellow.....	10	25
<b>Queen of the North.</b> White. An excellent bedding variety.....	10	25
<b>Crimson King.</b> Deep crimson.....	10	25

## ASPARAGUS

**Plumosus nanus.** Graceful, fern-like foliage; grown extensively by florists for decoration. **Full Greenhouse Grown.** Pkt. 25 cts., 100 seeds, \$1.

**Sprengeri.** Of more drooping and coarser habit; excellent for hanging-baskets. Pkt. 25 cts., oz. 75 cts.

## BELLIS PERENNIS (Double Daisy)

Our strain of this popular flower is grown by a specialist in France, and for size cannot be excelled.

	Pkt.
<b>Giant-flowering Pink</b> .....	\$0 25
<b>Giant-flowering White</b> .....	25
<b>Double Red, Quilled</b> .....	25
<b>Double Selected, Mixed</b> .....	25

## CALCEOLARIA

The strains of this beautiful decorative pot-plant are grown by a famous English Calceolaria Specialist, and are the finest in existence.

	Pkt.
<b>S. &amp; W. Co.'s Giant Strain</b> .....	\$0 50
<b>S. &amp; W. Co.'s Giant Prize Strain</b> .....	50
<b>Rugosa, Mixed.</b> Shrubby. Small-flowering varieties for bedding.....	50

## CALENDULA OFFICINALIS FL. PL.

### (Pot Marigold)

	Pkt.	1/4oz.	Oz.
<b>Meteor.</b> Double; yellow striped with orange..	\$0 05	\$0 15	\$0 25
<b>Prince of Orange.</b> Similar to Meteor, but much darker.....	05	15	25
<b>Sulphurea fl. pl.</b> .....	05	25	40

## CALLIOPSIS

	Pkt.	1/4oz.	Oz.
<b>Drummondii</b> (Golden Wave). Rich golden yellow.....	\$0 05	\$0 20	\$0 35
<b>Tinctoria marmorata.</b> Marbled yellow and brown.....	05	20	35

## CANDYTUFT (Iberis)

	Pkt.	Oz.
<b>Giant Hyacinth-flowered.</b> Immense, pure white spikes; when grown in rows for cut-flowers best results can be obtained only by setting the plants at least a foot apart in the rows and 1 1/2 feet between the rows.....	\$0 25	\$2 00
<b>Empress.</b> Pyramidal, pure white.....	10	50
<b>Queen of Italy.</b> Light pink.....	10	50
<b>Lilacina.</b> Beautiful large-flowering lilac.....	05	25
<b>Crimson.</b> Bright crimson-red.....	05	25

FOR PERENNIAL FLOWER SEED SEE OUR MIDSUMMER CATALOGUE. FREE ON REQUEST



# STUMPP & WALTER CO.'S SELECTED SEEDS

## CORNFLOWER (*Centaurea Cyanus*)

This favorite flower is frequently grown under glass for Christmas flowering. Sow by September.

	Pkt.	Oz.
<b>Emperor William.</b> Well-known blue.....	\$0 05	\$0 25
<b>Rose.</b> Delicate rose.....	05	25
<b>White.</b> Pure white.....	05	25
<b>Double Emperor William.</b> A variety largely used by commercial florists on account of its large-sized and double flowers.....	15	1 50

## GIANT SWEET SULTAN

(*Centaurea imperialis*)

Our strains of Sweet Sultans are grown by a great many florists and gardeners, and are pronounced *par excellence*. Splendid for forcing under glass.

<b>S. &amp; W. Co.'s Pure White.</b> One of the best varieties for cutting; large and deliciously sweet-scented.....	Pkt. \$0 10	1/2 oz. \$0 35
<b>Armida.</b> Pink with white tinge.....	10	35
<b>Lilacina.</b> Delicate lilac.....	10	35
<b>Purpurea.</b> Purple-rose.....	10	35
<b>Rosea.</b> Brilliant deep rose.....	10	35

### Four Fine Centaureas (For Greenhouse Growing)

The following four varieties are largely grown by florists during the winter months for cut-flowers.

<b>Suaveolens.</b> (Yellow Sweet Sultan.) Very showy, bright yellow flowers; sweetly scented.....	Pkt. \$0 05	Oz. \$0 60
<b>Odorata.</b> Beautiful large flowers of light blue, deliciously scented.....	10	1 00
<b>Odorata, Chameleon.</b> Large flowers of pale sulphur-yellow, changing to rosy lilac.....	10	2 00
<b>Marguerite</b> (Giant White Cornflower). Flowers 4 inches across, purest white and very fragrant.....	10	1 00

## CINERARIA

Seed should be sown from May to September where a succession is desired. When sown at this time, fine plants may be secured. The main point in the culture of Cinerarias is to secure as hardy a growth as possible with leaves of medium size. Seed may be transferred direct from seed-pans to thumb-pots. After planting, place in cold-frame facing north, if possible. As pots become full of roots, shift to larger ones until flowering size is reached.

	Pkt.
<b>S. &amp; W. CO.'S GRANDIFLORA WHITE.</b> .....	\$0 50
<b>S. &amp; W. CO.'S GRANDIFLORA FLESH.</b> .....	50
<b>S. &amp; W. CO.'S GRANDIFLORA ROSE.</b> .....	50
<b>S. &amp; W. CO.'S GRANDIFLORA CRIMSON.</b> .....	50
<b>S. &amp; W. CO.'S GRANDIFLORA BLOOD-RED.</b> .....	50

**S. & W. Co.'s Giant Prize Mixed.** This strain of Cineraria is grown for us by a famous English seed specialist. The flowers seldom measure less than 3 inches in diameter, comprising the following colors: White, rose, flesh, crimson, blue, violet, etc. The plants are of a very robust dwarf habit, which, combined with the mass of giant blooms, makes this strain exceedingly valuable.....

**S. & W. Co.'s Stellata.** Delicate star-like blooms are borne in great profusion on long stems, giving this variety a double use, as it is excellent for cutting as well as decorative purposes; all shades.....

## MIGNONETTE (Greenhouse-grown)

**S. & W. Co.'s Triumph.** This Mignonette is one of the choicest varieties for winter forcing. In type similar to Allen's Defiance, except that spikes are more compact and the individual florets are much larger in size. Seed of this grand variety is grown at our greenhouses, and is saved from the best spikes. Pkt. 50 cts.

**Allen's Defiance.** A popular variety for indoor culture. Very fragrant; fine for cutting. Pkt. 10 cts., oz. \$2.



Giant Sweet Sultan (*Centaurea imperialis*)

## GIANT-FLOWERING CYCLAMEN

Flowers of extraordinary size and of great substance. The leaves are proportionately large and beautifully marked. These are among the most beautiful winter- and spring-flowering plants for the window and greenhouse. Not only are the flowers of striking beauty, but the foliage is also highly ornamental. Sow seed from August to September, and do not permit the seedlings to become checked. When grown cool, most satisfactory results are obtained. Our strain is selected by a well-known English Cyclamen grower.

### S. & W. Co.'s Giant Strain

<b>Giant Salmon-Red</b>	<b>Giant Rose-Salmon</b>
<b>Giant Rose</b>	<b>Giant Pale Rose</b>
<b>Giant Pure White</b>	<b>Giant White.</b> Red eye.
<b>Giant Dark Red</b>	<b>Giant Light Red</b>
<b>Giant Lilac</b>	<b>Giant White.</b> Striped violet.
<b>Giant Cattleya Purple</b>	<b>Giant Prize Mixed</b>

Pkt. 25 cts., 100 seeds \$1.25

**S. & W. CO.'S Victoria.** Beautiful, fringed, white and rose flowers. Pkt. 25 cts., 100 seeds \$1.50.

## MYOSOTIS (Forget-me-not)

All the varieties of these popular plants are very beautiful and general favorites with all; they succeed best in a moist situation. Half-hardy perennial. 1 1/2 feet.

	Pkt.	Oz.
<b>Alpestris.</b> A pretty trailer with blue flower.....	\$0 05	\$0 60
<b>Eliza Fonrobert.</b> Sky-blue.....	10	1 00
<b>Victoria.</b> Dwarf habit; sky-blue.....	25	1 50
<b>Oblongata perfecta.</b> Flowers borne on long spikes; very suitable for winter blooming.....	10	1 25
<b>Palustris</b> (True Forget-me-not).....	10	3 00
<b>semperflorens.</b> Continuous bloomer.....	10	2 50
<b>Finest Mixed</b> .....	05	60

**Ruth Fischer.** The latest and said to be the finest and largest-flowered Forget-me-not yet sent out, producing flowers up to 1/2 inch in diameter, of true Forget-me-not-blue; plants of strong, vigorous growth, of exceptional value for pot culture and spring bedding.....



## PRIMULA (Primroses)

The strains of Primula offered below are specially grown for us by a famous English Primula specialist and are selected from the finest and best-developed plants. Seed sown in April will bloom during early winter; August for spring blooming. Sow in shallow pans, in soil consisting of part sand and leaf-mold worked through a fine sieve and allow for good drainage. Cover seeds lightly and water frequently; give a temperature of about 65 degrees.

### PRIMULA SINENSIS (Chinese Primrose)

This beautiful Chinese Fringed Primrose is indispensable for spring decoration in the home or conservatory, and ranks as one of the most important winter-blooming pot-plants grown by the florist. Our Giant Fringed Strain is of the highest merit, and is carefully selected.

### Stumpp & Walter Co.'s Giant Primulas

Giant Magnifica, Blue  
Giant Crimson  
Giant Rose Queen  
Giant Ruby Queen

Giant Salmon  
Giant White Fern-Leaved  
Giant Mixed

Pkt. 75 cts.; collection of 6 pkts. \$4.25

Giant Double White  
Giant Double Princess of Wales  
Striped  
Giant Double Blue

Giant Double Rosy Pink  
Giant Double Salmon-Pink  
Giant Double Mixed

Pkt. 75 cts.; collection of 6 pkts. \$4.25

### Primula obconica gigantea

This type of Primula outrivals the old Obconica type, the flowers being considerably larger, often measuring 1½ inches in diameter. For pot culture this type is very useful, as well as for the open border.

Kermesina. Rich Pkt.	lilacina. Lilac... \$0 25
crimson ..... \$0 25	Mixed. Pure white
rosea. Rose ..... 25	to crimson ..... 25
alba ..... 25	



S. & W. Co.'s Giant Primula

### PRIMULA STELLATA

A very pretty form, with large heads of star-shaped flowers of various colors; a splendid type for decorative purposes.

Giant White Star      Giant Crimson Star      Giant Rosy Star  
Giant Salmon-Pink      Giant Blue Star      Giant Mixed

Pkt. 75 cts.; collection of 6 pkts. \$4.25

**Forbesi** (Baby Primrose). This is the freest-flowering Primula we know of. The little plants throw up tiny flower-stalks when only a few weeks old. These should be pinched off and the plants kept growing until October, and from then on until late in spring they produce their sprays of beautiful rosy lilac flowers in seemingly never-ending profusion. Pkt. 25 cts.

**Kewensis**. This new variety is most attractive, with pleasing bright yellow flowers borne on long stems. It is delightfully fragrant and stands well as a house-plant. Pkt. 25 cts.

**Primula malacoides** (The Giant Baby Primrose). The flowers measure ½ to ¾ inches across, and the plants branch very freely. The flowers are of a pretty light lilac, are borne in whorls on stems which are graceful and strong. If grown in a greenhouse can be had in bloom in four or five months after sowing. A most delightful plant for table decoration. Pkt. 35 cts., 3 pkts. \$1.

**Primula malacoides alba**. This beautiful new variety is a welcome addition to this type of Primula. All those who have grown the white Malacoides have been pleased, making this variety a strong favorite. Makes a charming combination with the lilac form. Pkt. 35 cts., 3 pkts. \$1.

## SCHIZANTHUS

(Butterfly, or Fringe Flower)

These dainty plants are of easy culture in any good garden soil. They are also useful as pot-plants for spring flowering, the seed being sown in early fall and the plants kept in a light house and given plenty of room as they need it.

**Wisetonensis**. Charming, new, long-blooming variety; multitudes of light-Pkt. colored flowers; excellent pot-plants. Carefully selected strain.....\$0 25

**Hybridus grandiflorus**. A magnificent new strain of this grand flower so much prized for cutting and as a pot-plant for conservatory decoration. This strain contains a multitude of the lighter colors; and is the result of careful study on the part of a specialist in Europe. Of compact, pyramidal habit; very showy. Pkt. 25 cts.

	Pkt.
<b>Grahami</b> . Red.....	\$0 10
<b>Pinnatus</b> . Large, lilac-flowered.....	10
<b>Retusus, Rosamond</b> . Bright rose.....	25
<b>Retusus Trimaculatus</b> . Rosy crimson, yellow lip.....	25
<b>Mixed</b> .....	10

OUR GIANT STRAIN OF PANSY SEED LISTED ON PAGE 40 IS THE  
FINEST PROCURABLE



Schizanthus Wisetonensis



# SWEET PEAS FOR WINTER FLOWERING

**CULTURE.**—A great mistake is often made in sowing Winter-flowering Sweet Peas too thickly. An ounce should be sufficient for a row 25 feet long; thin out to 3 inches apart. Sow the first week in September for Christmas flowering. For January, February or March, end of September. Best results can be obtained by maintaining a night temperature of 40° to 45°, and 50° to 55° in the day-time. Spray vines frequently to keep down red spider, thrip and greenfly. Feed when plants are in full bloom.

## NEW WINTER-BLOOMING ORCHID-FLOWERED SWEET PEAS

**Rose Queen.** If you are a grower of Winter-flowering Sweet Peas, you naturally look for the very best strain procurable. The Indianapolis Sweet Pea, called "Rose Queen," is without question the finest Sweet Pea introduced for many years. Orchard-flowering, borne on long stems, extremely free and early, and of a pink color most attractive, it is a decided acquisition and, like all meritorious novelties, is sure to be in demand wherever grown. Pkt. (20 seeds) \$1, 6 pkts. \$5.

**Anita Wehrman.** A fine, clear lavender, with three or four flowers to stem, and has been grown with 20-inch stems, holding the length longer than is usual with any other winter-flowering variety. This variety originated with Mr. Henry Wehrman, of Maywood, Ill., five years ago, and has been grown and selected by him ever since, he now having the type fixed as well as it can be in the Spencer variety. The seed we offer is greenhouse-grown, saved and rogued by the originator, and will be ready for delivery in July, the proper time to sow for Thanksgiving and Christmas bloom. Pkt. (20 seeds) \$1, 6 pkts. \$5.

## GENERAL LIST OF CHRISTMAS-FLOWERING SWEET PEAS

S. & W. Co.'s Earliest White.	The Pkt.	Oz.	¼lb.	Extra-Early Blanche Ferry.	Extra-early Pkt.	Oz.	¼lb.
liest white on the market, often blooming in six weeks from sowing.....	\$0 10	\$0 30	\$0 90	strain of the popular pink-and-white variety.....	\$0 10	\$0 25	\$0 75
<b>S. &amp; W. Co.'s Christmas Pink.</b>				<b>Le Marquis.</b> This is the same color as Princess of Wales violet. Large flowers.....	10	40	1 50
If sown by September 1 under glass, flowers may be cut from Thanksgiving to Christmas.	10	30	90	<b>Mrs. E. Wild.</b> Carmine or dark pink.....	10	40	1 50
<b>S. &amp; W. Co.'s Christmas White.</b>				<b>Mrs. Alex. Wallace.</b> Bright lavender; a very popular sort.....	10	40	1 50
This variety is grown very extensively by leading florists, and sold in large quantities. Companion to the popular pink.....	10	30	90	<b>Mrs. William Sim.</b> Salmon-pink.....	10	40	1 50
<b>Christmas Captain.</b> Blue and purple.....	10	40	1 50	<b>Mrs. W. W. Smalley.</b> Satiny pink.....	10	40	1 50
<b>Christmas Meteor.</b> Scarlet.....	10	40	1 50	<b>Mrs. Hannan.</b> Deep rose-pink of a very pleasing shade; medium flower.....	10	40	1 50
<b>Earliest Sunbeam.</b> Pale primrose-yellow.....	10	30	90	<b>Mrs. F. J. Dolansky.</b> Daybreak-pink.....	10	30	90
<b>Florence Denzer.</b> Pure white.....	10	30	90	<b>Mrs. Charles Totty.</b> Sky-blue; late.....	10	40	1 50
				<b>Snowbird.</b> Early; white.....	10	40	1 50
				<b>W. J. Stewart.</b> Bright blue.....	10	35	1 25
				<b>Wachtung.</b> Pure white; tall grower.....	10	30	90

## SWEET PEAS FOR FALL SOWING OUTDOORS

For our patrons who desire a list of the best varieties of Sweet Peas for outdoor sowing in the fall, the following varieties are recommended:

ASTA OHN.	Pkt.	Oz.	¼lb.	GEORGE HERBERT SPENCER.	Bright Pkt.	Oz.	¼lb.
A beautiful, soft pinkish lavender self, and one that finds its way into all exhibition collections.....	\$0 15	\$0 50	\$1 50	rosy carmine.....	\$0 15	\$0 35	\$1 25
<b>AURORA SPENCER.</b> Flowers white, mottled and flaked with bright orange-pink.....	15	75	2 00	<b>HELEN LEWIS.</b> Quite the best of the large-flowered orange-pinks.....	15	50	1 50
<b>BLANCHE FERRY SPENCER.</b> Giant flower of Spencer form, with rose standard and white wings.....	15	50	1 50	<b>KING EDWARD SPENCER.</b> A variety that seems to stand well in the ranks of good crimson.....	15	50	1 50
<b>CAPTAIN OF THE BLUES SPENCER.</b> Bright purple, margin of the petals are marbled.....	15	50	1 50	<b>MRS. RUTZAHN.</b> A beautiful blending of straw-color, tinted with blush-pink and shading to apricot at the edges.....	15	50	1 50
<b>COUNTESS SPENCER.</b> A deeper pink than Elfrida Pearson, with few rivals.....	15	50	1 50	<b>NORA UNWIN.</b> Beautiful, large flower; white; three flowers frequently come to the stem... ..	10	30	90
<b>FRANK DOLBY.</b> A lovely light lavender-blue, one of the best in its color; bold, wavy standard and widely spreading wings.....	10	30	90	<b>OTHELLO SPENCER.</b> A large and distinct dark maroon.....	15	50	1 50
<b>FLORENCE NIGHTINGALE.</b> The color is a most charming, soft, clear, rich lavender, which is enlivened by a faint sheen of soft pink.....	15	75	2 00	<b>PRIMROSE SPENCER.</b> The finest primrose; our stock is an extra-selected strain.....	15	35	1 25
<b>GLADYS UNWIN.</b> A bold flower, with a striking, upright standard which is crinkled and waved; broad wings. Of a lovely light pink.....	10	30	90	<b>THOMAS STEVENSON.</b> A very striking variety of brilliant orange-scarlet; flowers of large size and excellent Spencer form; one you should grow, however limited your collection may be.....	20	75	2 50
				<b>WHITE SPENCER.</b> A splendid white, of fine exhibition form.....	15	50	1 50

## STOCKS, WINTER-FLOWERING

<b>BEAUTY OF NICE.</b> Strong spikes with very large blooms; delicate flesh-pink. Pkt. 25 cts., ½oz. \$1.	<b>EMPRESS AUGUSTA VICTORIA.</b> A grand winter Stock, considered as being the best of all the blue shades. Pkt. 25 cts., ½oz. \$1.
<b>CANARY-YELLOW.</b> Undoubtedly the finest yellow Stock yet raised; produces large spikes of beautiful, sweet-scented flowers on well-shaped plants. Wallflower-leaved foliage, similar to that of our well-known Cut-and-Come-Again, to which this variety makes a good companion. Height 15 inches. Pkt. 25c., 5 pkts. \$1.	<b>PRINCESS ALICE</b> (Cut-and-Come-Again). Branching plant, with double, pure white flowers on long, stiff stems; the best white for winter flowering. One of the finest for cutting. Pkt. 25 cts., ½oz. \$1.
<b>CRIMSON KING.</b> Excellent; tall habit; spikes often measuring 1 foot in length; flowers large and of a brilliant, fiery crimson. Pkt. 25 cts., ½oz. \$1.	<b>QUEEN ALEXANDRA.</b> A Stock that leaves little to be desired. Of grand, robust habit; comes almost all double, and of a beautiful lilac-rose. Pkt. 25 cts., ½oz. \$1.



# PANSIES

Pansies grow best in a cool, moist, but well-drained soil, enriched with well-rotted barnyard manure or ground bone (our No. 2 Bone being proper size).

For spring flowering, Pansies should be sown in July or August in frames and transplanted later.

It is poor economy to buy low-priced Pansy seed. To have good flowers, plant fresh seed full of vitality, the only kind we offer.

## FAMOUS NON PLUS ULTRA STRAIN

Gigantic Size, Heavy Texture, Brilliant Colors

Our Non Plus Ultra Pansy is a mixture containing the largest, handsomest and most perfect varieties ever sent out. The beautiful coloring and variety of marking give a bed of these Pansies a most brilliant appearance. The seed has been saved from the greatest assortment of types, including only the best of Giant Cassiers, Bugnots, Trimardeaux and Giant English, French and German strains. Finest Mixed, pkt. 15 cts., ¼oz. \$1.50, oz. \$6.

## GIANT PANSIES

Separate Colors

Our strains of Giant Pansies are procured from specialists in Europe, who devoted their entire energies toward producing size, very heavy texture and strong stems, which can be accomplished only by a selection of the best plants for seed purposes, and therefore must not be confounded with strains offered by some seedsmen at lower prices.

	Pkt.	¼oz.	Oz.
<b>Fire King.</b> Red and yellow, large brown eye.....	15	\$1 25	\$4 00
<b>Emperor William.</b> Deep blue.....	15	1 25	4 00
<b>Lord Beaconsfield.</b> Violet, shaded white.....	15	1 50	5 00
<b>Light Blue.</b> White center.....	10	1 00	3 50
<b>Light Blue.</b> .....	10	1 00	3 50

	Pkt.	¼oz.	Oz.
<b>Pres. Carnot.</b> Pure white petals; deep blotch.....	15	\$1 25	\$4 00
<b>Purple.</b> .....	10	1 00	3 50
<b>Pure Yellow.</b> .....	10	1 00	3 50
<b>Snow-White.</b> .....	10	1 00	3 50
<b>White.</b> Dark eye.....	10	1 00	3 50



Non Plus Ultra Pansy

## PANSIES IN MIXTURE

	Pkt.	¼oz.	Oz.
<b>Masterpiece.</b> Superb new class of blotched Pansies, with large blooms mostly undulated or curled. Brilliant colors.....	\$0 15	\$2 00	\$7 00
<b>Madame Ferret.</b> Early flowering, fragrant, especially rich in red shades; large flowering.....	15	1 50	5 00

	Pkt.	¼oz.	Oz.
<b>Bugnot Strain.</b> Large, stained, mixed....	\$0 25	\$1 50	\$5 00
<b>Cassier's Strain.</b> All colors mixed.....	15	1 00	3 50
<b>Odier.</b> All colors mixed.....	15	1 00	3 00
<b>S. &amp; W. Co.'s Giant Mixture.</b> From named sorts.....	10	75	2 50
<b>Fine English Mixed.</b> .....	05	50	1 50



Begonia Gloire de Lorraine

## FLOWERING PLANTS

**BEGONIA GLOIRE DE LORRAINE.** Of all winter-blooming plants, Begonia Gloire de Lorraine is the most lavish in its production of flowers. From November to May the plants are so profusely covered with blossoms as to conceal the foliage. 2¼-inch plants, \$3 per doz., \$20 per 100; 3-inch plants, \$4 per doz., \$30 per 100.

**S. & W. CO.'S PRIZE STRAIN CINERARIAS.** Our strain of Cinerarias cannot be surpassed for either size of bloom or beauty of color. They are grown from a famous English strain of seed and all are exhibition varieties. Selected plants, ready in October. 15 cts. each, \$1.50 per doz., \$10 per 100.

**CYCLAMEN.** White, Pink, Red, Crimson, White with Crimson base, Pink with Crimson base. 5-inch plant, 60 cts. each, \$6 per doz.; 6-inch plants, \$1.25 each, \$12 per doz.; 7-inch plants, \$2 each, \$18 per doz.

**PRIMULA CHINENSIS. Large-flowering Varieties.** Our strain of Primroses is conceded to be among the very best and is grown from seed furnished by a famous English Primula seed specialist. Selected plants, ready in October. 25 cts. each, \$2.50 per doz., \$15 per 100.

## VIOLETS

**Marie Louise.** Double. The finest double blue.

**La France.** Single. Rich violet-blue; a strong grower and very free flowering; deliciously scented.

**Princess of Wales.** Single. Soft violet-purple; very fragrant.

**Price, any of the above Double or Single Violets, 20c. each, \$2 per doz., \$12 per 100.**



# Vegetable Seeds for Autumn Planting

## BEANS

**S. & W. Co.'s Wonder.** The finest Forcing Bean. Of good color, fine flavor and everything that can be expected in a good table Bean. One of our customers says regarding this Bean: "The Beans you gave me to try are a wonder. I sowed them February 3 in a solid bed without bottom heat, and picked from them March 20. The Beans average 5 to 6 inches, the vine is a very abundant bearer, and as for eating, I think it is the best Bean I have ever eaten."  $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 60 cts.,  $\frac{1}{2}$ pk. \$2, pk. \$3.75.

**Triumph of the Frames.** A good variety for forcing or early outdoor work. Produces a mass of pale green pods, tender and delicious. Pt. 25 cts., qt. 45 cts.,  $\frac{1}{2}$ pk. \$1.50, pk. \$2.75.

**French Forcing Dwarf Emerald.** Dwarf, prolific; especially suited for frame culture. Pt. 40 cts., qt. 75 cts.,  $\frac{1}{2}$ pk. \$2.50, pk. \$4.50.

## BET

**Detroit Dark Red.** Extended experience has shown that this Beet comes nearer the ideal than any, and where one variety is used this should be the first selection. The round, dark red, globe roots are uniformly smooth. The flesh of the very young Beets is almost black-red, turning to dark crimson with dark purple zones as the Beets grow larger. When cooked the Beets are of an appetizing dark red and very sweet. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

## CARROTS

**Early French Forcing.** The earliest variety and the one largely grown for forcing purposes. It makes a small, almost globe-shaped root of an orange-red color. Per pkt. 15 cts., oz. 30 cts.,  $\frac{1}{4}$ lb. \$1, lb. \$3.50.

## CAULIFLOWER

**S. & W. Co.'s Best of All, Earliest of All.** Easiest grown, surest header. Of very dwarf, erect habit, with short outer leaves. Can be planted less than 2 feet apart each way. It is a sure header, every plant forming a large, solid, perfect head, of the finest table quality. Pkt. 25 cts.,  $\frac{1}{4}$ oz. \$1.75, oz. \$6.

## CUCUMBER

### English Forcing Varieties

**S. & W. Co.'s Improved Telegraph.** A very dark green type of Telegraph Cucumber, which we have found, from our trials, to be superior to all other Telegraph varieties. Pkt. 25 cts.

**Royal Osborne.** Prolific and of deep, rich green color. Pkt. 25 cts.

**Carter's Model.** A very handsome variety, of fine form, with general characteristics of Tender and True, with the prolific habit and strong constitution of the Telegraph. Pkt. 25 cts.

**Lord Kenyon's Favorite.** A very fine variety. Pkt. 25 cts.

## LETTUCE

**May King.** One of the best early varieties for planting in the open ground or under glass. It is rapid in development; tender, large size, outer leaves well folded in. The heads are of a clear, light green, the outer leaves slightly tinged brown and the heart clear yellow; delicately flavored. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$ lb. 60 cts., lb. \$1.75.

**Grand Rapids Forcing.** An excellent loose-headed variety of superior table quality. Adapted to open-air culture or forcing in frames or greenhouses. The leaves are finely cut and of a beautiful pale green. Plants may be set quite closely together. Large heads and of delicate flavor. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

## MUSKMELON

### Frame or Greenhouse Varieties

**Royal Jubilee.** A splendid, oval, green-fleshed melon, raised at the Royal Gardens, Windsor. Skin almost white, handsomely netted. Forcing Muskmelons are grown very extensively in England, and are always in great demand. The flesh is tender and of the most exquisite flavor, while the seed-cavity is small, and the melons ripen evenly clear to the skin. One of our patrons grew this melon and produced them weighing nine pounds. Our own seed, saved from specimen fruits. Pkt. of 25 seeds, 50 cts. Pkt.

<b>Sutton's Invincible Scarlet Flesh</b> .....	\$0 25
<b>Blenheim Orange</b> .....	25
<b>Eastnor Castle Green Flesh</b> .....	25
<b>Sutton's Perfection Pale Green Flesh</b> .....	25
<b>British Queen</b> .....	25



Early Scarlet Globe and French Breakfast Radishes

## RADISH

**Triumph Scarlet-striped Forcing.** A very desirable addition to our forcing sorts. The roots are about the size and shape of Scarlet Turnip White-tipped, but are creamy white, beautifully marked with spots and dashes of carmine. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 40 cts.

**Early Scarlet Globe.** Of distinct shape, brilliant color, short-leaved, crisp and white; an excellent variety for forcing. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

**French Breakfast.** A favorite sort; mild and crisp. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

## SPINACH

**S. & W. Co.'s New York Market.** This Spinach grows rapidly and produces unusually large, thick, crumpled leaves. The best in flavor and the leaves are very tender. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

## TOMATO (Forcing)

**S. & W. Co.'s Best of All.** Pkt. 15 cts.,  $\frac{1}{4}$ oz. 75 cts., oz. \$2.50.

**Comet.** Pkt. 10c.,  $\frac{1}{4}$ oz. 50c., oz. \$1.50.

**Stirling Castle.** Pkt. 15 cts.,  $\frac{1}{4}$ oz. 75 cts., oz. \$2.25.





GROWN BY JOSEPH ROBINSON  
Superintendent of Eastover Farm  
Oyster Bay, L. I.  
"Pure Culture Spawn" best ever used

## S. & W. Co.'s Pure Culture Mushroom Spawn

Pure Culture is superior in **size, quality and quantity of production**; it is no longer an experiment; the best growers are using it

### Brief Cultural Directions by Mr. Robinson

"I have the fresh horse droppings saved until a sufficient quantity accumulates to fill the beds, occasionally turning the manure and watering it slightly if it appears to be not moist enough. Then I leave the mass for three days, after which I again turn it, adding more water if necessary. After turning, I firm the manure, and in three days again repeat the operation. The most particular part is to get the manure moist enough and yet not too moist. After the second turning the manure is generally ready for the bed. My beds are only 10 inches in depth. I press in the manure very firmly, and cover slightly with salt hay or straw, which tends to retain the moisture in the bed. When the temperature of the bed drops to 85°, I insert the "Pure Culture" Spawn in pieces about the size of an egg, 1 foot apart one way and 9 inches the other. I insert the Spawn just deep enough to cover with a little manure. I keep the temperature of the house between 55° and 60°, and occasionally dampen the walls, etc., as required; also occasionally "dew" over the hay covering the bed with warm water. If the Spawn runs properly, a white, frothy substance will be observed in about ten days or two weeks. I then remove the hay and cover with one inch thickness of sifted soil, preferably good pasture loam, firming it down. Mushrooms will generally appear in from six to eight weeks. I always have a little finely sifted soil on hand, and fill all the holes up after gathering the Mushrooms—that is, the holes made by removing the stalks. With good care the bed will last three months. Should it appear dry, water thoroughly with water heated to 90°, in which a pinch of nitrate of soda dissolved will be found very beneficial. In conclusion, I may say I think most of the failures in Mushroom-growing arise from the manure being too dry."—Joseph Robinson.

### American Pure Culture Spawn

10 lbs. will spawn 10 square feet

This type produces larger Mushrooms than the English, coming into bearing somewhat earlier, and continuing to crop for a long time. This spawn is produced by selecting spores from individual specimen Mushrooms, and is propagated and transferred to the bricks of manure, which, when planted, produce Mushrooms all of one type.

Per Brick (about 1 ½ lb.) 30 cts.  
Per 25 Bricks, \$5.

Per 10 Bricks, \$2.40.  
Per 100 Bricks, \$15.

### Best English Spawn

Fresh from a celebrated maker in England. Made in bricks of about 1 pound each.

Per Brick (about 1 lb.) 20 cts.  
Per 25 Bricks, \$3.75.

Per 10 Bricks, \$1.80.  
Per 100 Bricks, \$12.

### Books on Growing Mushrooms

**Pamphlet** (gratis for a postal card asking for it).....  
**Mushrooms, How to Grow Them.** By Wm. Falconer. The best and most practical American work on growing for home use or for market.....\$1 00  
**Mushroom Culture.** By W. Robinson, England's standard authority on the subject..... 50



### Mushroom, or Hotbed Thermometers

Heavy Brass Point style \$1.50.  
All copper. Point may be removed and cleansed, \$2.  
Thermometers should, whenever possible, be sent by express.



# STAIGREEN LAWN SEED



## HOW ABOUT YOUR LAWN ?

### 25-Pound versus 14-Pound LAWN SEED

Many low-price Grass Seed mixtures weigh only 14 pounds per bushel. This indicates either a good proportion of chaff or some of the real good varieties in the rough state, not properly cleansed so as to leave only the vital part and less of the chaff or shell.

In other words, so many less seeds to the quart or pound that will germinate and grow real grass.

### Why Not Buy the Re-cleaned Kind?

A mixture of grasses weighing 25 pounds per bushel, of high germination and purity, permanent in nature, the varieties carefully proportioned so that they will succeed one another in brightness of foliage, with the result that the lawn, even in its first year, will have a bright, rich green color from early spring until covered by snow.

*Stumpp & Walter Co.*

One Pound will Sow a  
Plot 20 x 20 feet  
Sow 80 Pounds to the  
Acre

30 and 32 Barclay St.  
New York

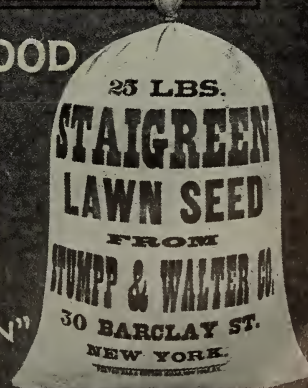
## NOT HOW CHEAP, BUT HOW GOOD

DELIVERED ANYWHERE IN UNITED STATES

Pound	5 Pounds	25 Pounds	100 Pounds
40 cts.	\$1.75	\$8.00	\$30.00

DELIVERED ANYWHERE IN UNITED STATES

"HOW TO BUILD A PERMANENT LAWN"  
PAMPHLET FREE IN EVERY BAG





## HIGH-GRADE LAWN SEED

WEIGHS 22 POUNDS PER BUSHEL

**Our High-Grade Lawn Seed** is composed of the finest re-cleaned grasses, care being taken to include various varieties of grasses of the highest purity and germination, and is entirely free from weeds and all foreign matter.

The varieties are carefully proportioned so that they will succeed one another and give the lawn that much desired green, velvety appearance throughout the summer. The remarkably heavy demand for our lawn seed this past year proves the quality.

One quart will sow 15 x 15 feet, or 225 square feet; four bushels to the acre—for renovating old lawns, two bushels. **Qt. 25 cts., 4 qts. 85 cts., 8 qts. \$1.50, bus. \$5.10**

### Terrace Sod Lawn Seed

**To Grass a Bank or Terrace.** For each square rod take two quarts of lawn grass seed and mix it thoroughly with 6 cubic feet of good, dry garden loam. Place it in a tub, and add liquid manure, diluted with about two-thirds of water, so as to bring the whole to the consistency of mortar. The slope must be made perfectly smooth, and then well watered, after which the paste should be applied, and made as even and thin as possible.

A special mixture of grasses best suited for sowing on terraces and side hills—grasses that produce strong, spreading roots, thus preventing heavy rains from washing them out, that will withstand drought and exposure, thrive on shallow soils, and at the same time produce a rich, green turf throughout the season. **Qt. 35 cts., 4 qts. \$1.17, 8 qts. \$1.75, bus. (20 lbs.) \$6.**



Stumpp & Walter Co.'s Shady Place Lawn Seed

### SHADY PLACE LAWN SEED

There is nothing more annoying in caring for a lawn than the bare, unsightly spots under the trees, shrubs, etc., and invariably all efforts have failed to get the grass to grow in such places; but, by sowing this mixture, the difficulties will be overcome. It is a combination of dwarf-growing varieties which will do well in all shaded places, being found in their natural state in woods and other sheltered spots. **Qt. 35 cts., 4 qts. \$1.17, 8 qts. \$1.75, bus. (20 lbs.) \$6.**





Deep Dark Green Even Putting Greens

Accomplished by the sowing of the proper varieties of grasses in a mixture of seed with a known purity and germination; the varieties carefully proportioned to suit climate and soil conditions

## Grasses for Golf-Courses

When you buy Grass Seed for golf-courses, either for putting-greens, fair-greens, or outlying grounds, great care must be taken to select only such seeds as will do best for the purpose.

**First.**—See that you get the proper varieties, for very often grasses are sometimes used that are not fit to make the proper sod. This means disappointment in appearance, and endless work in trying to rid the greens of such grasses.

**Second.**—The quality of the seed. This should always be bought with the known germination and purity.

**Third.**—If your soil is sandy, clayey, moist or dry, this all makes a difference; and where seeding is done, it is always best to have only such grasses in the mixture as will give the best satisfaction. This information can always be obtained by consulting us.

Our Grass Seed Department is second to none; we always have in great quantities such valuable Grasses as Creeping Bent, Rhode Island Bent, Red Fescue, and all other varieties of Grass Seeds that are generally used on golf-courses, whether for putting-greens, fair-greens, or outlying grounds.

### Putting-Green Mixture

Composed of Creeping Bent, Rhode Island Bent, Red Top Re-cleaned, Fine-leaved Sheep Fescue, all of the very highest purity and germination. If for new work, or where the entire seeding of all greens is required, it would be best to consult us, and have us suggest the formula for the soil and location. Qt. 30 cts., 4 qts. \$1.10, 8 qts. \$2, bus. (25 lbs.) \$7.50, 10 bus. (250 lbs.) \$75.

### Fair-Green Mixture

The best-balanced, finest selection of Grasses, that will give an even, tough and lasting turf. We can supply a general good mixture that we know will give good satisfaction; but in cases when a lot of seeding is to be done we should like to supply a special formula, according to the requirements of the soil. Qt. 20 cts., pk. \$1.25, bus. (20 lbs.) \$4.50, 10 bus. (200 lbs.) \$42.50, 50 bus. or over, \$4 per bus.





## GRASS MIXTURES FOR HAY AND PERMANENT PASTURE

For every different kind and condition of soil there are a large number of grasses, either indigenous or introduced, which are especially suitable. Some sorts do best on high ground and in dry weather; others prefer plenty of moisture. Some mature so early and others so late that from the beginning of spring until winter sets in there is no time when one species or another is not at its best. From these considerations, the importance of sowing many varieties for pasture and meadow purposes will be apparent, consisting of the following varieties: Orchard Grass, Meadow Foxtail, Sheep's Fescue, Rhode Island or Creeping Bent, Hard Fescue, Sweet-scented Vernal (True Perennial), Meadow Fescue, English Rye Grass, Italian Rye Grass, Red Top, Timothy, Red and Alsike Clover, blended in proportions which we have found, from actual use, give the most satisfactory results.

On ordinarily fertile soil 80 pounds of this mixture are sufficient to seed an acre, but where the land is poor a larger quantity will be necessary.

**For Hay and Permanent Pasture for Light Soils.**

**For Hay and Permanent Pasture for Medium Soils.**

**For Hay and Permanent Pasture for Heavy Soils.**

**For Orchard and Shady Places.**

**For Hay only.** Specially recommended for large hay crop.

**For Pasture Only.** Will stand close cropping without injury.

10 lbs. \$2.50, 100 lbs. \$20

### STEEL DISC SMOOTHING HARROW

The frame measures 6 feet 8 inches by 6 feet, and has four sets of rollers, having 58 discs, 8 inches in diameter. Price \$22; one-horse size, \$21.25.



S. & W. Co.'s Wheelbarrow Grass Seeder

### S. & W. CO.'S WHEELBARROW GRASS SEEDERS

(Weight, 45 to 50 pounds.)

On the market over thirty years and over 200,000 sold. For sowing all kinds of grass seeds broadcast, clover, timothy, alfalfa, Hungarian millet, rape and all small seeds. Also all chaffy seeds like red top, orchard grass, and clean blue grass, bent grass, any quantity per acre desired. They are no experiment, and are guaranteed to do an even, accurate, first-class job of seeding. Price (14 feet sowing area) \$12.



## GENERAL LIST OF GRASSES

- Agrostis stolonifera.** (True Creeping Best.) This is our very best grass for putting-greens, being hardy, and the creeping habit of its roots, constantly adding to the size of its plant, forms the closest mat. Will stand severe rolling and constant cutting. Should be in all lawn mixtures, but on account of its very high price, is rarely used. Our seed of this very valuable grass is of the highest germination and purity.....
- Agrostis canina.** (Rhode Island Bent.) Except that this variety is of a more tuft-forming habit, it is very similar to the Creeping Bent. It is very difficult to find true Canina, and very often the ordinary Red Top is used for it. Our experience has been, that to get the very best seed of this variety is to import it from Europe. The seed that we offer has a purity of 70 per cent and germination of 80 per cent. This is the finest obtainable.....

Lbs. per bus.	Per lb.	to lbs.	100 lbs.
20	\$0 50	\$4 50	\$40 00
18	50	4 50	40 00



Red Top Grass

**Agrostis vulgaris.** (Red Top, Fancy.) Also known as English Bent. This grass, while being valuable as a lawn grass, is not so permanent as the preceding two varieties, very often sold as Creeping and Rhode Island Bent by dealers who have not given the proper study and interest in the different varieties. Our seed weighs 32 lbs. to the measured bushel, and has a purity of 95 per cent, and germination of 97 per cent, the very highest quality..

32	50	4 50	40 00
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**Agrostis vulgaris.** (Red Top, Unhulled.) Vulgaris Choice. This seed is the same as the preceding variety, but is the natural seed as harvested, without being machined to remove the hulls, and is recommended for large seedings and mixtures. This seed rarely germinates more than 60 per cent, and our stock is always of the very highest quality.....

18	30	2 50	20 00
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**Alopecurus pratensis.** (Meadow Foxtail.) One of the most valuable varieties for permanent pastures.

10	70	6 00	50 00
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**Anthoxanthum odoratum.** (True Sweet Vernal.) For field mixtures.....

10	70	6 50	60 00
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**Avena elatior.** (Tall Oat Grass.) A valuable grass for hay and permanent pasture mixtures.....

14	35	3 00	25 00
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**Avena flavescens.** (Yellowish Oat Grass.).....

14	1 00	9 00	85 00
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**Cynodon dactylon.** (Bermuda Grass.) Valuable in the South for lawns.....

36	1 25	10 00	90 00
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**Cynosurus cristatus.** (Crested Dogtail.) An excellent grass for hard, dry soils; valuable for lawns in mixture.....

30	35	3 25	30 00
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**Dactylis glomerata.** (Orchard Grass.) A valuable grass for shaded pastures, and should be in all pasture and hay mixtures.....

14	40	3 00	25 00
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**Festuca duriuscula.** (Hard Fescue.) A good grass for lawns and grazing pastures, where the soil is poor and dry.....

20	35	3 00	25 00
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**Festuca elatior.** (Tall Fescue.) True Rhenish. It is one of the most valuable grasses to go in mixtures for hay.....

22	40	3 50	30 00
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**Festuca heterophylla.** (Various-leaved Fescue.) An even, tuft-forming grass, does well on light soils. It is a very good grass for lawns, for which its fine brush-like bottom leaves make it exceedingly fit.....

15	45	4 00	35 00
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**Festuca ovina.** (Sheep, or English Fescue.) Does well on light, sandy soils, where other grasses have poor or no chance. A good grass for pastures.....

16	40	3 50	30 00
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**Festuca ovina angustifolia.** (Fine-leaved Sheep Fescue.) A very good grass to go in mixtures for lawns. Inclined to burn the first season, but soon recovers and makes a very good turf the second year.....

22	50	4 50	40 00
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**Festuca pratensis.** (Meadow Fescue.) One of the best upper grasses for permanent pastures; yields an abundance of fodder of great nutritive value. Much liked by all kinds of stock.....

27	35	3 00	25 00
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**Festuca rubra.** (Red Fescue.) New Zealand-grown. A partly creeping, tuft-forming grass; it thrives on all sorts of soil, even on dry, sandy bottoms, and forms a rather thickly covered turf, leaving very little room for weeds to come through. It is also valuable for shady places in lawns, and has been found to do well under the shade of pine trees.....

24	35	3 00	25 00
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**Lolium italicum.** (Italian Rye.) For quick growth, and to assist other grasses during the first year; used in pasture mixtures in small quantities only.....

22	12	1 00	9 00
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**Lolium perenne.** (English Rye.) Used for lawn mixtures where cheapness is the chief consideration,—do not use for fine work.....

24	12	1 00	9 00
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**Lolium perenne.** (Pacey's.) Used the same as English Rye, but the seed is shorter-grained, and claimed by some to be more hardy than English Rye.....

30	15	1 35	12 00
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**Phleum pratense.** (Timothy.) For hay only.....

45	15	1 20	10 00
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**Poa pratensis.** (Kentucky Blue Grass.) One of our best grasses for lawn or field; does best when sown with other grasses.....

21	25	2 25	20 00
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**Poa nemoralis.** (Wood Meadow Grass.) Valuable for growing under trees, and our very best grass for shady lawns.....

20	60	5 00	40 00
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**Poa trivialis.** (Rough-stalked Meadow Grass.) One of the best grasses for hay and permanent pasture mixtures.....

26	55	5 00	45 00
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All our seeds are carefully examined as to purity and growth in our own laboratory and tested by the leading Seed Testing Stations, such as Zurich (Switzerland), Hamburg (Germany), Paris (France), Washington, D. C.

The percentage of purity and growth are determined before we send out any seeds of any description from our establishment, and, in comparing prices, remember that we will furnish, on application, the percentage of purity and growth. We have only the very best qualities.

Prices on Grass and Clover seed subject to change without notice. Our Grass and Clover Seeds are the very finest, purest, re-cleaned seeds. We do not carry the cheaper grades. Prices are f. o. b. Boat or Railroad in New York City; bags extra at cost



# Selected Winter Seed Wheat

Prices subject to market changes. Delivery f. o. b New York; bags extra at cost

## Jones' St. Louis Grand Prize (Beardless)

This variety has proven itself to be adapted to all soils, doing well on light, sandy, clay loam, or river-bottom lands, and is also almost as entirely fly-proof as a wheat can be. A strong, vigorous grower, with dark, wide foliage. The straw is of medium length and very stocky; heads are square, compactly filled from base to tip, not extremely long, but the wide breasts running the length of the head encroach upon each other for room, and contain mostly four kernels each; color medium dark red, and of excellent milling quality. One of our customers reported a yield of 46 bushels to the acre; so many were the stalks and heads crowning them that if a hat were thrown in the field it would remain on top—the wall of wheat would not part to permit the hat to slide to the ground. **Peck \$1, ½ bus. \$1.75, bus. \$3, in 10-bus. lots, per bus. \$2.75.**

## Fultz-Mediterranean (Beardless)

A cross of the "Fultz" and the old "Mediterranean." The berry is short, plump, red. Chaff white and smooth, without beards. The heads are medium length, very compact, well filled, inclined to widen at the top. Coming from two vigorous, hardy varieties, it is believed to have inherited the good qualities of both its valuable parents. "Fultz-Med." has certainly proved itself a variety of extreme hardness and great productiveness. Ripens early, stools well, the straw is of medium length to long, and so stiff that it will not lodge.

**Pk. 75 cts., bus. \$2.25, in 10-bus. lots, \$2.15 per bus.**

The illustration is heads of Jones' Red Wave Wheat, two-thirds natural size



## Jones' Red Wave (Beardless)

This grand Wheat has fully maintained the good opinion expressed when first sent out in 1906. It is a cross between early Red Clawson and an unnamed crossbreed of Russian parentage. It is a bald Wheat with brown chaff; dark, medium-long, large grain; heads very long and broad, filled with medium-long, large, hard, dark kernels, rich in gluten. Straw golden; above medium height, stocky, very strong, thick-walled and not liable to go down; heads slightly leaning, hence not liable to sprout in the field. This variety last season gave a yield of 49 bushels and 2 pounds per acre in a field, the balance of which was sown to Dawson Golden Chaff that produced only 27 bushels per acre. Part of the first swath between the two going into the Dawson for fear of stray heads of Dawson; also raking adjoining, thus cutting the yield nearly a bushel. A plot on trial grounds 1½ by 2 rods produced at the rate of 68 bushels and 5 pounds per acre. **Pk. 80 cts., bus. \$2.75, in 10-bus. lots, \$2.50 per bus.**

## Harvest King (Beardless)

Keeps right to the front among the standard varieties. If anything, this splendid, red-chaff, smooth variety stands higher even than it did several years ago. In the summer of 1909, Harvest King wheat yielded at the Pennsylvania State Experiment Station 34.3 bushels per acre. **Pk. 75 cts., bus. \$2.35, in 10-bus. lots, \$2.25 per bus.**

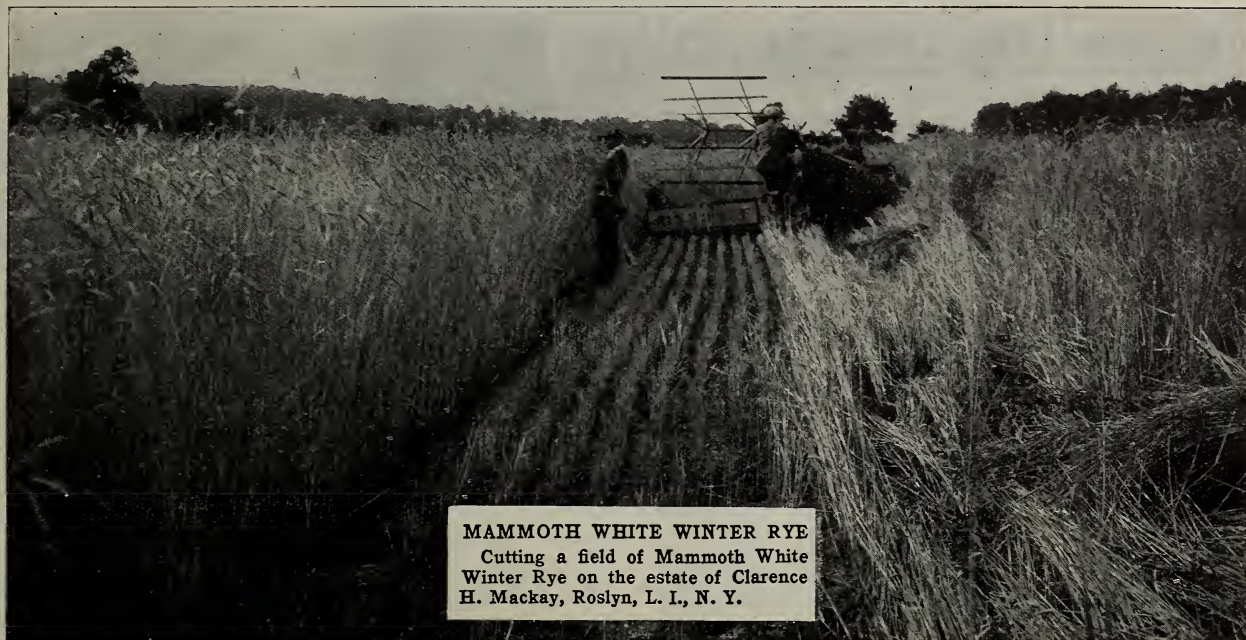
## Silver Sheaf Longberry (Bearded)

The most perfect Longberry Red Wheat grown, and will make a sensation among wheat growers and millers as soon as known. This marvel originated

from a cross between the well-known American Bronze and a cross from Lancaster and a seedling Longberry. It is one of the hardest of all Wickets, a strong, healthy grower and can be sown very late. If sown early, 1½ bushels of seed per acre will be enough on strong soil. Straw of light yellow, medium tall, thick-walled and strong; head long, wide and full; chaff thin and silvery white; grain large, dark and flinty, and nearly as long as rye kernels. It will command the highest market price of any Longberry yet grown, and will be the leading fancy milling Wheat of this country. **Pk. 80 cts., bus. \$2.50, in 10-bus. lots, \$2.40 per bus. Seamsless bags 22 cts. extra for each two bushels.**

Jones' Red Wave





**MAMMOTH WHITE WINTER RYE**  
Cutting a field of Mammoth White  
Winter Rye on the estate of Clarence  
H. Mackay, Roslyn, L. I., N. Y.

## SEASONABLE FARM SEEDS

Prices f. o. b. Boat or Railroad, New York,  
and are subject to market changes

### MAMMOTH WHITE WINTER RYE

Unquestionably the heaviest cropping Rye in existence, having in fair tests outyielded all other varieties both in straw and grain. The heads average 6 to 8 inches in length and are filled from end to end with large, plump, heavy grains. The straw is giant in length and strength and of extraordinary stiffness, resisting severe wind and rain-storms to a remarkable degree without lodging. **Bus. \$2, in 10-bus. lots, \$1.90 per bus.**

### RE-CLEANED ALFALFA

Now is the time to sow

Sow 30 to 40 pounds per acre if broadcasted, or 25 to 30 pounds if drilled in in May, or during August and early September, or most any season when weather conditions are favorable, top-dress it with manure every fall, and it will rarely winter-kill. It can be cut usually three times in one season. The great secret in getting a successful stand of Alfalfa lies in the preparation of the ground; it will pay everyone who wants to grow this valuable farm-crop to give the ground preparation most intelligent thought. It must be borne in mind that an Alfalfa field properly started will yield successfully a score of years. Ask for our Pamphlet on Alfalfa, mailed free. **Lb. 30 cts., 10 lbs. \$2.75, 100 lbs. \$25.**

### VARIOUS CLOVERS

**Alsike, or Swedish (*Trifolium hybridum*).** Hardest of all Clovers, and on rich, moist soil yields an enormous quantity of hay or pasture. Lasts many years. Sow 10 lbs. per acre when used alone. **Lb. 35 cts., 10 lbs. \$3.25, 100 lbs. \$30.**

**Crimson or Scarlet Clover (*Trifolium incarnatum*).** It can be seeded at any time from June to October, at the rate of 15 to 20 lbs. per acre, and makes the earliest possible spring pasture, blooming the latter part of April or May, and, for feeding as hay, should be cut just before coming into full bloom. Sow Crimson Clover at the last working of all crops, like beans, corn, melons, cucumbers, tomatoes and other crops. **Lb. 15 cts., 10 lbs. \$1.20, 100 lbs. \$10.**

**Red Clover, Medium (*Trifolium pratense*).** Medium Clover. The leading variety of Clover for pastures or meadows. Finest quality. Sow 20 pounds per acre alone, or 15 pounds where other grass or hay crops are standing. **Lb. 30 cts., 10 lbs. \$2.50, 100 lbs. \$20.**

**White Dutch Clover (*Trifolium repens*).** The best variety for lawns, as it forms a close herbage and remains green throughout the season. **Lb. 45 cts., 10 lbs. \$4.25, 100 lbs. \$40.**

All Farm Seeds listed on this page are furnished in seamless bags, for which a charge of 22 cts. for each two bushels is made

### RE-CLEANED TIMOTHY

Our stock of this is unusually large and of very good quality. Sow 25 pounds per acre alone, or 15 pounds with wheat or grasses. **Lb. 15 cts., 10 lbs. \$1.20, 100 lbs. \$10, bus. \$4.75 (45 lbs.)**

### WINTER VETCH (*Vicia villosa*)

True Sand or Hairy Vetch

Extensively used as a soil renovator or for dry or green feed in the early spring. It may be sown alone or with winter rye or oats; is perfectly hardy, thriving in every climate, under most adverse conditions. Is very nutritious and live-stock relish it. When sown with rye, etc., it will attain a height of 4 to 5 feet; it requires one-half bushel to sow an acre, or one bushel if sown alone. Sow as early as possible in the fall or summer and get a good growth before cold weather sets in. 60 lbs. per bushel. **Lb. 12 cts., 10 lbs. \$1.10, 100 lbs. \$10, bus. \$6.50.**

### FARMOGERM

High-Bred Nitrogen-Gathering Bacteria

Inoculate your Alfalfa with Farmogerm. Acre size, \$2; 5-acre size, \$9. See article in "Practical Farmer," issue of July 6, 1912.

"Hundreds of our readers will probably start growing alfalfa on their farms this year for the first time. Of course, they want it to be successful; but, remember this—alfalfa does its best in the dry sections of the West. To make it do well in the other parts of the country it needs a little boosting. Now, if you believe in alfalfa enough to give it a trial, give it the best chance you know how. For \$2 you can secure enough alfalfa bacteria to inoculate sufficient seed to sow one acre; this is worth while. Two years ago the editor purchased some alfalfa bacteria from the Earp-Thomas Farmogerm Co., of Bloomfield, N. J., and is well pleased with the result. This firm also manufactures bacteria cultures for cowpeas, clovers, soy beans and other legumes."

We can supply you with the Farmogerm quoted above; descriptive matter on request.

**Farmogerm furnished in acre size (sufficient to treat seed for one acre), \$2; 5-acre size, \$9.**



# Miscellaneous Supplies

<b>Aprons, Gardeners'.</b> English made. Each	
Fine shalloon, 39-in. with bib and pocket.....	\$2 25
Fine shalloon, 36-in. with bib and pocket.....	2 00
Heavy serge, 39-in. with bib and pocket.....	1 50
Heavy serge, 36-in. with bib and pocket.....	1 25

<b>Baskets, Rustic Hanging.</b> Made in hexagonal shape. Each Doz.	
10-inch.....	\$1 75 \$15 00
12-inch.....	2 00 20 00
15-inch.....	2 50 25 00

**Baskets, Wire Hanging.**—Heavily constructed.

8-inch.....	Each \$0 50	Doz. \$5 00	12-inch.....	Each \$0 70	Doz. \$7 00
10-inch.....	60	6 00	14-inch.....	80	8 00

**Baskets, Imported English Garden—**

Length Width Each Doz.		Length Width Each Doz.	
No. 2. 11½ in. 6 in...\$0 40	\$4 50	No. 6. 20½ in. 10½ in...\$0 90	\$10 00
No. 4. 15 in. 8½ in.. 60	6 75	No. 8. 26 in. 14 in... 1 25	14 00
No. 5. 17½ in. 9½ in.. 75	8 50	No. 9. 28 in. 15 in... 1 50	17 00

<b>Baskets, Orchid—</b> Doz. 100		8-inch.....	\$5 50 \$45 00
4-inch.....	\$3 50 \$24 00	10-inch.....	6 50 48 00
5-inch.....	4 00 27 50	12-inch.....	7 50 56 00
6-inch.....	4 50 31 50		

<b>Boxes, Cardboard, Flower</b> (Green, lock corners)—		Depth Length Width 100	
No. 1. 3 in. 18 in. 5 in...\$3 00		No. 4. 5 in. 28 in. 8 in....\$9 00	
No. 2. 3½ in. 21 in. 7 in... 5 00		No. 5. 5 in. 36 in. 8 in....12 00	
No. 3. 4 in. 24 in. 8 in... 7 00			

**Boxes, Violet.** No. 5. 8 in. deep, 11 in. long, 5½ in. wide, \$7 per 100; No. 10. 6 in. deep, 9 in. long, 5 in. wide, \$5 per 100.

**Boxes, Corrugated Cardboard.** Very heavy and durable; extensively used by florists for shipping cut-flowers.

No. Length Width Depth Doz. 100		No. Length Width Depth Doz. 100	
A. 20 in. 7 in. 4 in. \$1 20	\$9 00	D. 36 in. 14 in. 8 in.. \$3 00	\$22 00
B. 28 in. 8 in. 5 in. 1 50	11 00	E. 48 in. 14 in. 8 in.. 3 50	28 00
C. 30 in. 12 in. 6 in. 2 00	16 00		

**Carnation Supports.** Model Extension, 2-ring, 50 cts. per doz., \$3 per 100; 3-ring, 60 cts. per doz., \$3.50 per 100.

**Clips, Eureka.** For fastening rose and chrysanthemum wire stakes. \$1 per box of 500, \$1.50 per box of 1,000.

**Corn Knife.** For cutting corn stalks or heavy grass. 35c. ea., \$3.50 per doz.  
**Dibble, Garden.** For transplanting cabbage, celery, etc. Small size, steel point, 35 cts.; larger size 40 cts.; large size, brass point, 60 cts.

## Flower Pots, Pans, Vases, Saucers and Stands

<b>Flower Pots Standard.</b> Best on the market. Doz. 100		6-inch.....	\$0 75 \$4 50
2-inch.....	\$0 10 \$0 60	7-inch.....	1 25 7 50
2½-inch.....	12 80	8-inch.....	1 50 10 00
3-inch.....	15 1 10	9-inch.....	2 00 15 00
4-inch.....	35 2 00	10-inch.....	2 75 20 00
5-inch.....	45 2 70	12-inch.....	6 00 40 00

<b>Flower Pot Saucers—</b> Doz.		9-inch.....	Doz. \$0 85
4-inch.....	\$0 25	10-inch.....	1 00
5-inch.....	30	11-inch.....	1 25
6-inch.....	35	12-inch.....	1 50
7-inch.....	40	14-inch.....	1 75
8-inch.....	50		

<b>Bulb Pans—</b>		Width Height Doz.		Width Height Doz.	
8-inch 4-inch.....	\$1 00	14-inch 7-inch.....	\$4 00		
10-inch 5-inch.....	1 50	16-inch 8-inch.....	8 00		
12-inch 6-inch.....	2 00	18-inch 9-inch.....	12 00		

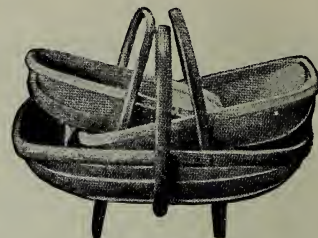
<b>Square Seed Pans—</b> Doz.		10-inch x 10-inch.....	\$5 00
6-inch x 6-inch.....	\$3 00	12-inch x 12-inch.....	6 00
8-inch x 8-inch.....	4 00		

<b>Flower Vases (Waterproof) Fiber Ware.</b> Order by number. Inside measurements.		Diam. Depth Doz.	
No. 0. 8-in. 13-in.....	\$6 60	No. 000. 9-in. 29-in.....	\$33 00
No. 1. 5½-in. 10-in.....	5 70	No. 00. 9-in. 22-in.....	25 00
No. 2. 4½-in. 9-in.....	5 00	No. 11. 5½-in. 18-in.....	6 60
No. 3. 4-in. 6-in.....	4 20	No. 22. 4½-in. 15-in.....	5 70
No. 4. 3-in. 4½-in.....	3 30	No. 33. 4-in. 12-in.....	5 00
		No. 44. 3-in. 9-in.....	4 20

<b>Flower Pot Saucers (Waterproof) Fiber Ware—</b> Each Doz.		9-inch.....	\$0 22 \$2 10
4-inch.....	\$0 12 \$1 25	10-inch.....	23 2 20
5-inch.....	15 1 50	12-inch.....	25 2 50
6-inch.....	17 1 60	14-inch.....	30 3 50
7-inch.....	19 1 80	16-inch.....	45 4 50
8-inch.....	21 2 00	18-inch.....	50 5 00



Wire Hanging-Basket



English Garden Baskets



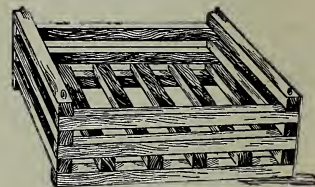
Fiber Ware Flower Pot Saucers



Rolling Stands for Heavy Plants (see page 51)



Flower Vase



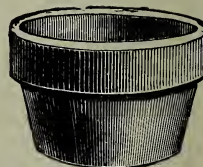
Orchid Box



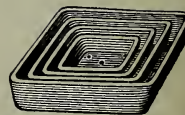
Corrugated Flower Boxes



Flower Pot



Bulb Pan



Square Seed Pan



# STUMPP & WALTER CO.'S GENERAL SUPPLIES

## Rolling Stands for Heavy Plants—

Outside diam. about	Diam. at bottom	Each	Outside diam. about	Diam. at bottom	Each
12-in.	10 in.	\$0 60	18-in.	15-in.	\$1 00
14-in.	11-in.	70	20-in.	17-in.	1 10
16-in.	13-in.	90	22-in.	20-in.	1 35

**Flower Pot Brackets.** Made of steel, artistic in design, finished in black. Saucers are absolutely secured by spring clasp. Each No. 1A. Length of arm 8-in. Clasp will hold 5-in. pot. \$0 30  
No. 2A. Length of arm 10-in. Clasp will hold 6-in. pot. 40  
No. 3A. Length of arm 12-in. Clasp will hold 7-in. pot. 45

**Flower Pot Handles and Hangers, Krick's Perfect—** Doz.  
No. 0. Will fit from 2- to 3½-in. pots. \$0 20  
No. 1. Will fit from 3½- to 5-in. pots. 30  
No. 2. Will fit from 5- to 8-in. pots. 40  
No. 3. Will fit from 8- to 12-in. pots. 50

**Fork, Strawberry.** Useful for weeding or general garden use. 10-inch. 25 cts.

**Hay.** Finest quality steel; oval-shaped tines, solid steel shank, patent ferrule long and strapped. 2-tine, 50 cts. each, \$5.75 per doz.; 3-tine, 60c. each, \$7 per doz.; 4-tine, 70c. each, \$8 per doz.

**Manure.** Long or short handle. 4-tine, D handle, best material. \$1 each; 5-tine, D handle, best material, \$1.25 each.

**Spading.** 4-tine, D handle, best material, \$1 each; 5-tine, D handle, best material, \$1.25 each.

**Fruit-Picker, Perfect.** Galvanized wire, to fit any-sized pole. 35c.

**Fumigators and Vaporizers.** (See page 55.)

**Garden Set, Ladies'.** 3 pieces, \$1.

**Garden Line.** Best braided linen. 100 ft., 50 cts. Reels, 60 cts.

**Garden Reel.** Cast-iron, painted black, 50 cts.

**Garden Reel, Eureka.** This is a superior Garden Reel, made of malleable and wrought iron, well galvanized. Is very durable.

Single, Two Arms. \$1.50 each.

Double, Four Arms. \$2 each.

**Gardeners' Gloves.** Heavy goat, for protecting hands. \$1 per pair.

**Glass Cutter, Red Devil.** 10 cts., 15 cts., 25 cts. and 50 cts.

**Diamond.** \$3 and \$4.

**Glazing Points, Van Ruyper's.** 65 cts. per 1,000, \$3 for 5,000.

Model. 40 cts. per lb.

**Siebert's Never-Rust Glazing Pegs.** 50 cts. per lb.

**Glazing Putty, Twemlow's Old English.** Will not crack or peel.

One gallon glazes 300 lineal feet. Qt. 55 cts., gal. \$1.75.

**Grass Hook, Little Giant.** Forged steel shank. 50 cts.

**Imported English, Riveted Back.** Small size, 50 cts.; medium size, 55 cts.; large size, 60 cts.

**Grafting Wax.** ¼lb. 10 cts., ½lb. 15 cts., lb. 25 cts., postpaid 40c.

## Hose, Menders, Nozzles and Reels

**Wearlong.** 3-ply, 12 cts. per foot.

Price includes couplings in 25- or 50-foot lengths.

We can also supply in ½-in. size, and also in special lengths on order, which usually takes ten days.

**Wayahead Garden Hose.** A seamless rubber and braided fabric hose made in continuous lengths up to 500 feet. ¾-in., 18 cts. per foot; in reels, 500 feet, 17½ cts. per foot.

**Electric Garden Hose.** Cut in any length. ¾-in., per 100 feet, \$20.

**Hose Coupling, Plain Faucet.** With this attachment any Hose may be connected with the kitchen faucet. 50 cts.; by mail, 55 cts.

**Hose Menders, Cooper's Brass.** ½- and ¾-inch, 75 cts. per doz.;

1-inch, 85 cts. per doz.

**Little Wonder.** 3 cts. each, 30 cts. per doz.

**Jones Screw End.** 5 cts. each, 50 cts. per doz.

**Nozzles, Justrite Graduating Spray.** The best Nozzle on the market; gives a very fine spray or a full stream, and positive shutoff, by turning end of the nozzle. Brass, 40 cts. each.

**Bordeaux Spray Nozzle.** Excellent for spraying, 90 cts.

**Boston.** Copper face. Splendid for wetting down seedlings.

Fine or coarse spray. 50 cts. each.

**Fairy.** Brass. 50 cts. each.

**Seneca.** Gives fan-shaped spray. \$1.25 each.

**Boss.** Very effective for use on red spider. \$1 each.

**Shubert.** Best made for general all-round use. Solid brass. \$2.50.

**Mistry Jr.** Can be used for spraying whitewash. \$1 each.

**Stotts.** Used very extensively by growers for red spider; gives a very fine spray; excellent nozzle for spraying under the foliage.

Single spray, \$1.25; double spray, \$1.75.

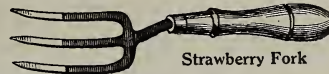
**"All-Iron" Hose Reel.** Is constructed entirely of iron and is indestructible. It is light in weight, frictionless, and the wheels being high makes it easily manipulated; a good, strong, handsome and convenient reel.

No. 10. 21-in. wheels, holds 100 ft. \$3 25

No. 20. 24-in. wheels, holds 150 ft. 3 50

No. 30. 30-in. wheels, holds 500 ft. 5 00

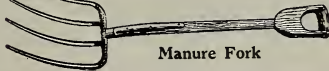
**K. C. Hose Reel.** All metal, tubular frame, corrugated drum to allow circulation under hose. \$2.



Strawberry Fork



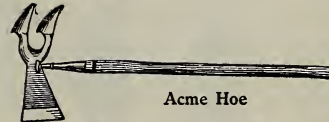
Hay Fork



Manure Fork



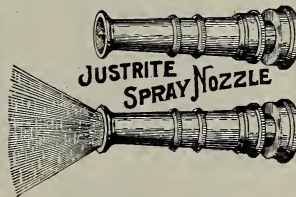
Spading Fork



Acme Hoe



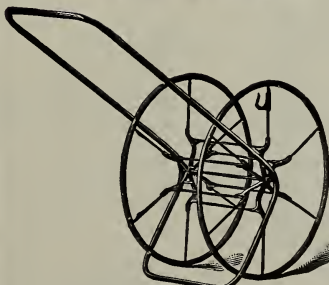
Cooper's Brass Hose Mender



JUSTRITE  
SPRAY NOZZLE



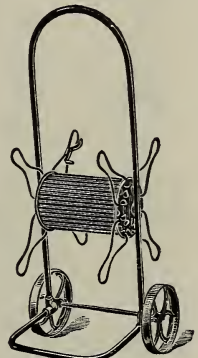
Electric Garden Hose



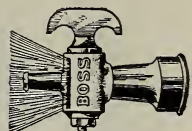
All-Iron Hose Reel No. 30



Eureka Garden Reel



K. C. Hose Reel



Boss Nozzle



Fairy Nozzle



Boston Nozzle



Mistry Jr. Nozzle



**Horse Boots.** These boots are made from our own special design, and after two years' practical test, by an expert greenkeeper, have been pronounced by him as being the best-patterned boots made. Price, per set (4 boots), \$9.

**Hotbed Mats.** Burlap, for protecting coldframes and hotbeds. Warmly lined with waste wool and cotton, which are quilted in to hold position.

	Each	Doz.
No. 1. 40x76 in. Burlap both sides.....	\$1 20	\$13 00
No. 1. 76x76 in. Burlap both sides.....	1 75	19 00
No. 2. 40x76 in. Waterproof Duck and Burlap.....	1 30	14 00
No. 2. 76x76 in. Waterproof Duck and Burlap.....	2 00	22 00
No. 3. 40x76 in. Waterproof Duck on Both sides...	1 50	16 50
No. 3. 76x76 in. Waterproof Duck on Both sides...	2 50	27 50

**Hotbed Sash.** Well made from clean cypress, glazed and painted two coats white paint. \$3.50 each, \$40 per doz.

**Double Glass Sash.** Two layers of glass with an air-space of one inch between. \$5 each, \$55 per doz.

**Knives, Turf Edging.** For cutting edges of walks, flower-beds, etc. 50 cts. each.

**Solid Welded Steel Edging.** Socket handle; made of the very best steel; imported English. Price, with handle, \$1.50.

**Pruning—**

	Each
No. 1, horn handle, 1 blade.....	\$1 00
No. 2, " " 1 " .....	90
No. 3, " " 2 blades.....	1 00
No. 4, ebony " 1 blade.....	75
No. 5, " " 1 " .....	65

**Budding**

No. A, ivory handle, Saynor .....	1 75
No. B, bone " S. & W. ....	90
No. C, ivory " S. & W. ....	1 50
No. D, " " .....	1 25
No. E, " " 2 blades.....	1 50
No. F, ebony " 1 blade.....	50

**Labels, Wooden, Pot or Garden—**

PLAIN		PAINTED		PLAIN		PAINTED	
100	1,000	100	1,000	100	1,000	100	1,000
4- inch..\$0 15	\$0 60	\$0 15	\$0 90	8- inch..\$0 40	\$3 50	\$0 50	\$4 00
4½- " ... 15	80	20 1 00	10- " ... 45	4 00	55 5 00		
5- " ... 15	90	20 1 25	12- " ... 55	4 50	60 5 50		
6- " ... 20	1 00	25 1 35	3½ " Copper-wired .	25	2 00		

**Labels, Zinc Garden.** These are unsurpassed, being neat, durable and indelible. The ink marks a jet-black, which remains distinct. Use a clean quill or a pointed stick.

No.	Doz.	100	No.	Doz.	100
1—4¾x3½ .....	\$0 25	\$1 25	6—2¾x2 .....	\$0 20	\$1 10
2—4 x2¾ .....	20	1 10	7—2¾x¾ .....	15	75
3—4 x3 .....	20	1 10	13—2¾x1½ .....	15	75
4—5 x1 .....	20	1 10	14—1½x1½ .....	15	65
5—3½x2½ .....	25	1 30	15—4¼x4¾ .....	15	65

**Melon Nets.** \$1.50 per doz.

**Mole Trap, Olmstead's Improved.** \$1.50 each, \$15 per doz.

**New Model.** \$1.50 each, \$15 per doz.

**Reddick's.** \$1 each, \$10 per doz.

**Out-of-Sight.** 75 cts. each, \$8 per doz.

**Paper—**

<b>Wax.</b> 24x36. Ream....	\$3 00	<b>Manilla.</b> 24x36. Ream...	\$2 00
18x24. Ream .....	2 00	<b>Wrapping.</b> 40x48...Lb...	10
<b>Tissue.</b> 24x36. Ream..	1 00	24x36. ....Lb...	10

**Paper Pots, Neponsett.** Very economical; waterproof; can be nested closely for shipping.

Doz.	100	1,000	Doz.	100	1,000
2½-inch ...\$0 10	\$0 50	\$4 00	4-inch .....	\$0 20	\$1 20
3-inch .... 12	70	6 00	5-inch .....	25	1 50
3½-inch .... 14	90	7 00	6-inch .....	30	2 00

**Pencils, Indelible, X-L-All.** 10 cts. each, \$1 per doz.

**Indelible Ink.** 25 cts. per bottle.

**Post-hole Diggers.** Lock leather. \$1.75 each.

**Augers.** \$2 each.

**Pruners, Waters' Tree.** Best pruner on market. 4 ft., 75 cts.; 6 ft., 85 cts.; 8 ft., \$1; 10 ft., \$1.15; 12 ft., \$1.25.

**Putty Bulb.** For distributing Twemlow's Putty, etc. \$1.

**Raffia, Natural.** For tying. 25 cts. per lb., \$1.10 for 5 lbs.

**Rakes, Wood Hay Rake.** 12-teeth. 30 cts. each, \$3 per doz.

**Wood Lawn Rakes.** 24-teeth. 35 cts. each, \$3.50 per doz.

**Gravel, Short Teeth.** 12-teeth 40c., 14- 50c., 16- 60c., 18- 70c.

**Steel Garden.** Bow handle. 11-teeth 70c., 13- 75c., 15- 80c.

**Steel Garden.** 10-teeth 50c., 12- 55c., 14- 60c., 16- 65c.

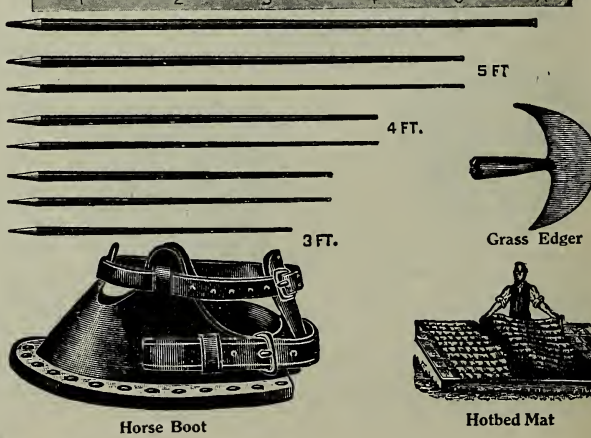
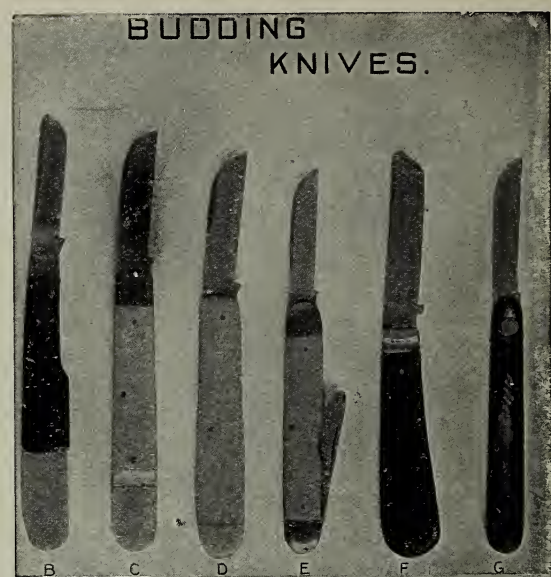
**Saws, Pruning, Plain One Edge.** 12-in. 40 cts., 14-in. 50 cts., 16-in. 60 cts., 18-in. 70 cts., 20-in. 80 cts., 22-in. 90 cts.

**Pruning, Double Edge.** 12-in. 40 cts., 14-in. 50 cts., 16-in. 60 cts., 18-in. 70 cts., 20-in. 80 cts., 22-in. 90 cts.

**Little Giant Pruning Hook and Saw, Combined.** Can be attached to pole any length. \$1.50.

**Scythes.** Imported English, riveted back, also solid back. 32-in. \$1.40, 34-in. \$1.50, 36-in. \$1.60, 38-in. \$1.70.

**Little Giant.** Solid steel. 28-in. \$1.15, 30-in. \$1.25, 32-in. \$1.35, 34-in. \$1.40.





# STUMPP & WALTER CO.'S GENERAL SUPPLIES

**Scythes, Snath and Handle.** Patented; best quality. 90 cts.  
**Stones.** English Talacre Quarry. 25 cts. each, \$2.50 per doz.  
**Rifles.** Emery coated. 15 cts. each, \$1.50 per doz.  
**Scissors, Grape-Thinning, 75 cts.; Flower-Gathering, 75 cts.**  
**Shears, Pruning, S. & W. Co.'s Solid Steel.** Made for long service; easily adjusted. 7½ in. \$1.25; 8½ in. \$1.50; 9½ in. \$1.75.  
**Pruning, French.** 5½ in. \$1.25, 6½ in. \$1.35, 8 in. \$1.45, 9 in. \$1.75.  
**Pruning, Kunde.** Strong solid steel, \$3.  
**Pruning, Wiss.** Solid steel. 9 in. \$2, 10 in. \$2.50.  
**Pruning, Lady's Nickel-Plated.** 5½ in. 90 cts., 6½ in. \$1.  
**Pruning, S. & W. Co.'s Special.** Steel blades, malleable handles. 50c.  
**Branch, or Lopping.** Three sizes, \$2.50, \$2.75 and \$3.  
**Grass.** Full nickel, solid steel. 6-in. blade 75 cts., 7-in. blade \$1.  
**Grass, Imported English.** Best procurable. 6½-in. bent, \$1.25.  
**Border and Grass-Edging.** 10-in. blades \$2.50; with wheel \$2.75.  
**Lawn.** 10-in. blades, with two wheels, \$2.75.  
**Hedge.** Imported English, plain blade. 8-in. \$1.25, 9-in. \$1.50, 10-in. \$2; 8-in. notched, \$1.50; 9-in. notched, \$1.75; 10-in. notched, \$2.25.  
**Silkline.** Largely used for tying in bouquet work. Fine, medium and coarse. Per spool 25 cts., \$1.50 per box of 8 spools.  
**Shovels, Ames' Long and D Handles.** Long-strapped, round or sq. \$1.50.  
**Sickles' Pointed and Square.** \$1.  
**Spades, Ames' Long and D-Handles.** \$1.50.  
**Thermometers.** While we exercise great care in packing, Thermometers travel at purchaser's risk only.  
**Copper Case.** Spirit; easy reading. 8-in. 50 cts.  
**Japan Case.** Scale bronze-brass, mercury. 8-in. 75 cts., 10-in. \$1.  
**Self-Registering Tin Case.** \$2.50.  
**Mushroom and Hotbed.** Heavy brass point, \$1.50; all copper, point may be removed and cleaned, \$2.

Stakes, Plant, Tapering, Green—		Doz.	100	Doz.	100
1½ feet.....	\$0 20	\$1 25	3 feet.....	\$0 50	\$3 40
2 feet.....	30	1 75	3½ feet.....	60	4 25
2½ feet.....	40	2 00	4 feet.....	70	5 25
			5 feet.....	80	6 00
Chinese Cane. These are genuine Chinese canes, very strong and heavy.		100	1,000	100	1,000
4 feet, heavy.....	\$1 75	\$15 00	6 feet, heavy.....	\$2 25	\$20 00
5 feet, heavy.....	2 00	16 00	7 feet, heavy.....	2 75	25 00
Japanese Cane. For staking plants and trees.		100	1,000	100	1,000
6 feet.....	\$1 00	\$8 00	14 feet.....	\$7 00	\$65 00
8 feet.....	1 50	12 00	16 feet.....	10 00	90 00
10 feet.....	3 00	25 00	18 feet.....	12 50	110 00
12 feet.....	5 00	45 00	20 feet.....	15 00	140 00
Dahlia Poles—		Doz.	100	Doz.	100
3 feet.....	\$0 75	\$6 00	4 feet.....	\$1 00	\$8 00
3½ feet.....	90	7 00	5 feet.....	1 30	10 00
Galvanized Wire—		100	1,000	100	1,000
3 feet.....	\$1 75	\$12 50	4½ feet.....	\$2 50	\$18 00
3½ feet.....	2 00	14 50	5 feet.....	2 75	20 00
4 feet.....	2 25	16 00	6 feet.....	3 25	25 00

**Tomato Supports, Wire.** 32 inches high, 14 inches in diameter, made of heavy steel wire. 15 cts. each, \$1.50 per doz., \$12 per 100.  
**Perfection Patent Wood.** 36 inches high, and 12 inches wide. Can be taken apart and stored. 25 cts. each, \$2.50 per doz.

**Plant Tubs, New York Cedar.** Made of the very choicest seasoned cedar, highly finished with black hoops; will last twice as long as cypress tubs  

Diam.	Height	Price	Diam.	Height	Price
No. 1. 12 in.	10½ in.	\$1 10	No. 3½. 16½ in.	15¾ in.	\$2 25
No. 2. 13 in.	13 in.	1 40	No. 4. 19½ in.	17 in.	2 40
No. 3. 14½ in.	15 in.	1 70	No. 5. 22½ in.	18½ in.	3 20

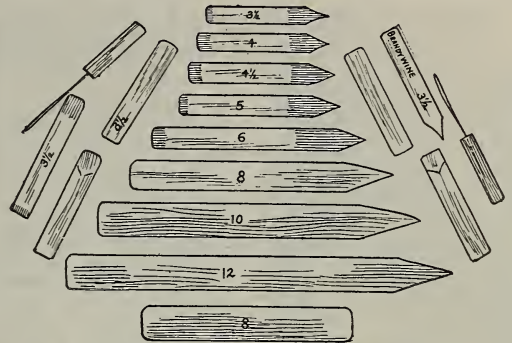
**Tree Tubs, Cedar.** Heavy; particularly adapted for large, heavy plants.  

Outside diam.	Length of staves	Price	Outside diam.	Length of staves	Price
No. 0. 27 in.	24 in.	\$6 00	No. 5. 16 in.	14 in.	\$3 00
No. 1. 25 in.	22 in.	5 00	No. 6. 14 in.	12 in.	2 50
No. 2. 23 in.	20 in.	4 50	No. 7. 13 in.	11 in.	2 25
No. 3. 21 in.	18 in.	4 00	No. 8. 12 in.	10 in.	2 00
No. 4. 18 in.	16 in.	3 50			

**Trowel Maynard.** Best Trowel made. 6-in. 75 cts.  
**Watering Pot, Haw's Pattern.** No. 0, 3-qt., shelf, 9-inch spout, one pot rose and extra joint, \$2. No. 2, 4-qt., japanned, 2 roses, \$3. No. 3, 6-qt., japanned, 2 roses, \$3.50. No. 4, 8-qt., japanned, 2 roses, \$4. No. 5, 10-qt., japanned, one rose and spreader, \$4.50.  
**Watering Pot.** Heavy galvanized, round and oval; each can has two roses—one fine and one coarse.  

6-quart, round.....	\$2 00	6-quart, oval.....	\$2 25
8-quart, round.....	2 25	8-quart, oval.....	2 50
10-quart, round.....	2 50	10-quart, oval.....	3 00
12-quart, round.....	2 75	12-quart, oval.....	3 50

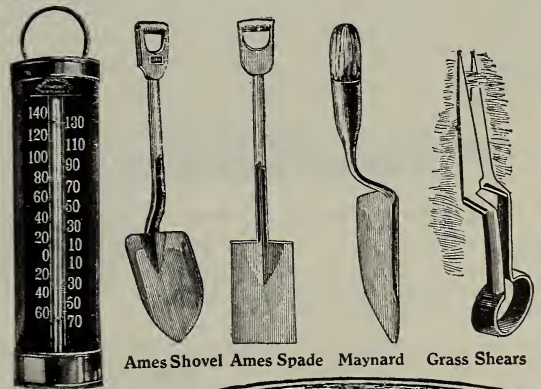
**Weeders, Hazeltine.** 20 cts. each, \$2.25 per doz.; postage 5 cts. extra.  
**Excelsior Finger.** Claw fingers. 10c. each, \$1 per doz.; postage 5c. ex.  
**Eureka Hand.** Short handle. 25c. ea., \$2.75 per doz.; postage 10c. extra.



Labels, Wooden, Pot and Garden



S. & W. Co.'s solid steel Kunde Wiss Hedge French

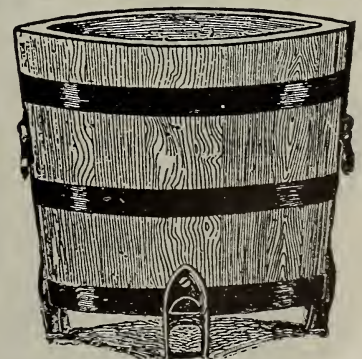


Thermometer

Ames Shovel Ames Spade Maynard Grass Shears



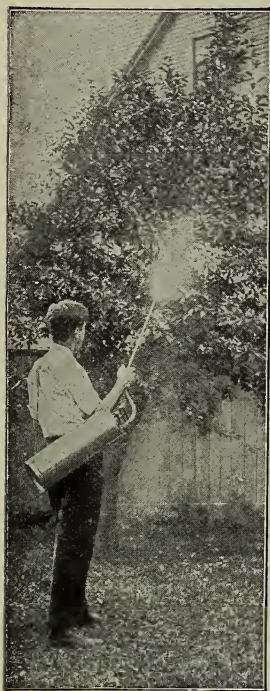
Perfection Tomato Support



New York Cedar Tub



# Sprayers for Applying Insecticides and Fungicides

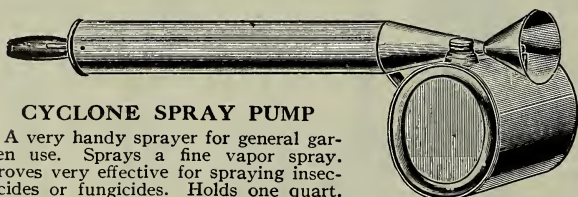


## AUTO-SPRAY

Convenient, durable, efficient. Our patented leader of spray apparatus for small uses. Will do better work and do it easier than any other similar article. Useful with bordeaux and all solutions, also in applying cold-water paint or white-wash. Holds four gallons. Illustration shows our new "Auto-Pop" attachment which doubles the efficiency by saving half the solution and labor. Our "Anti-Choke" Nozzle, cleaned at every operation of "Auto-Pop," can never clog. Tank made of galvanized steel or brass. High-grade hose. Heavy self-contained pump, all brass. Nipple connections, nozzle, etc., turned from solid brass rod with full threads. Castings for handle, etc., all malleable. No continuous pumping as in the cases of the Knapsack Sprayer, no continuous pumping or slopping as in the case of the bucket pump. A few strokes of plunger compresses enough air to cover a quarter acre of potatoes or similar crop. The operator simply holds the nozzle. Also used for spraying disinfectants. A practical machine for potatoes, tobacco, small fruits, vineyards, poultry-houses, greenhouses, etc. Extension pipes useful for spraying tall trees. Detailed descriptive circular on request.

Auto-Spray No. 1, Brass Tank, with "Auto-Pop,"	\$7 25
Tank, with "Auto-Pop,"	5 00
Two-Row Attachment for spraying two rows at one passing...	1 35
2-foot Brass Extension	45
Brass Elbows for spraying under vines	30
Torch	90
Brass Strainer for straining solution	90

Auto-Spray No. 2, Galvanized Tank, with "Auto-Pop," \$7 25  
 2-foot Brass Extension..... 45  
 Brass Elbows for spraying under vines..... 30  
 Torch..... 90  
 Brass Strainer for straining solution..... 90



## CYCLONE SPRAY PUMP

A very handy sprayer for general garden use. Sprays a fine vapor spray. Proves very effective for spraying insecticides or fungicides. Holds one quart. Tin, 50 cts.; brass, \$1.

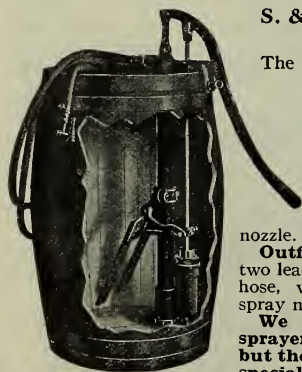
## S. & W. CO.'S "FRUITALL" SPRAY PUMP

The "Fruitall" illustrated herewith has been designed especially to meet the demand for a low-priced sprayer combining the necessary durability, efficiency and strength.

**Outfit C.** Sprayer with agitator and one lead of 15 feet  $\frac{1}{2}$ -inch discharge hose, with "Mistry" or "Mistry Jr." spray nozzle. Price, without barrel, \$13.50.

**Outfit D.** Sprayer with agitator and two leads, 15 feet each,  $\frac{1}{2}$ -inch discharge hose, with "Mistry" or "Mistry Jr." spray nozzle. Price, without barrel, \$16.

We supply barrel, and mount sprayer on it, for \$3.50, extra list; but the barrel is not furnished unless specially ordered.



## POMONA SPRAY PUMPS

The Best Barrel Spray Pump on the Market

It is of large capacity and powerful, with long adjustable leverage, so that it is easily operated by one person, when necessary, but is especially built for spraying from two leads of hose. The unusually large steel air-chamber gives sufficient pressure for a continuous and regular spray. All working parts are of brass, including plunger and valves, which are easily accessible; it has a paddle agitator. The bulk of the pump goes within the barrel, it is not top-heavy, and does not catch low branches.

**Pomona Outfit A.** Sprayer with agitator and one lead of 15 feet of  $\frac{1}{2}$ -inch spray hose, with Mistry Jr. Spray Nozzle.  
 With barrel.....\$21 00

**Pomona Outfit B.** Same as the above, except with two leads of hose and two nozzles. (See cut.)  
 With barrel.....\$23 00  
 If trunnions are desired to put barrel on, our S. & W. Co.'s Truck is recommended. 50 cts. extra.

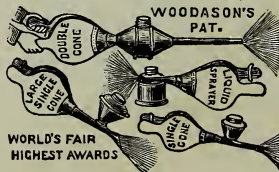
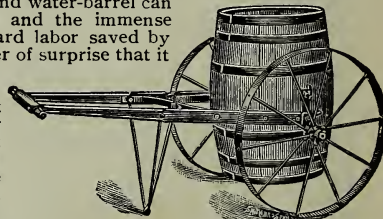


## SPRAY POLES FOR TALL TREE SPRAYING

Bamboo Poles, 10 ft. \$3, 12 ft. \$3.50.  
 Galvanized Iron Extension Rod, 8 ft. \$1.50.

## S. & W. CO.'S TRUCK, LEAF-RACK AND WATER-BARREL COMBINATION

When we consider the almost innumerable uses to which our combined truck, leaf-rack and water-barrel can be put, its handiness and the immense amount of time and hard labor saved by its use, it is not a matter of surprise that it is steadily growing into popular favor. It is one of those articles that cause the user to wonder how he ever did without it, as it really becomes indispensable when once used. Price, truck and barrel, as in cut, with  $2\frac{1}{2}$ -in. tire wheels, \$11; with handy cart box, length  $37 \times 23\frac{1}{2}$  in. wide by 8 in. deep, \$3 extra; with leaf-rack, 42 in. long by 28 in. wide by 21 in. deep, \$5 extra. Price, complete with truck, water-barrel, box and leaf-rack, \$19.



## BELLOWS, WOODASON'S

Powder, small size.....\$1 25  
 " large size..... 2 25  
 Liquid, small size..... 1 50  
 " large size..... 2 25

Double Cone Powder Bellows. For dusting plants with dry powders for insects and fungus. \$3.25.

## SYRINGES

**No. 10.** Barrel 18 in. long, one coarse and one fine spray rose and one stream jet with patent valve and elbow joint. \$6.  
**No. 11.** Similar to No. 10, without patent valve. \$4.75.  
**No. G.** Barrel 16 in. long; diameter  $1\frac{1}{4}$  in., open rose, one spray rose and jet, one side attachment with angle joint. \$4.50.  
**No. 2.** Barrel  $13\frac{1}{2}$  in. long; one coarse and one fine spray and one stream rose; solid brass. \$4.50.  
**No. A.** Barrel 12 in. long; one spray and one stream rose. \$2.50.  
**No. H.** Barrel 16 in. long,  $1\frac{1}{4}$  in. diameter with fixed spray rose. Sheet brass. \$2.75.  
**Abol Syringe.** An excellent brass hand syringe with angle-neck attachment. No. 6, price \$7.50.



SPRAYING IS A NECESSITY, AND OUR APPLIANCES ARE THE VERY BEST FOR THE PURPOSE



# REMEDIES FOR INSECTS AND FUNGUS

This list contains most of the remedies used in the fall of the year. For a more extensive list see our Spring Catalogue, pages 124 and 125.

**Aphine.** Effective against all soft-bodied and plant-sucking insects, such as green, black and white fly, red spider, thrips, mealy bug, brown and white scale. Used as a spray when diluted with water in the proportions as directed on each can. Endorsed by professional gardeners and commercial growers of reputation. An insecticide which can be used indoors and in the garden. An excellent cleanser for house plants.  $\frac{1}{4}$  pt. 25 cts.,  $\frac{1}{2}$  pt. 40 cts., pt. 65 cts., qt. \$1. gal. \$2.50., half-barrel (25 gallons) \$43.75.

By special arrangements with the manufacturers, we can send the following sizes express prepaid:  $\frac{1}{2}$  pt. 50c., pt. 75c., qt. \$1.25.

**Aphis Punk.** Used for fumigating in greenhouses, giving off dense fumes of nicotine. Box, 12 rolls, by mail, 75 cts.

**Arsenate of Lead.** For all leaf-eating insects. Guaranteed not to injure the foliage. Three pounds will do the work of four pounds of other brands, and will not readily wash off. Guaranteed to contain an average of 20 per cent arsenic. Lb. 25 cts., 2 lbs. 40 cts., 5 lbs. 90 cts., 10 lbs. \$1.70, 25 lbs. \$4.10, 50 lbs. \$8, 100 lbs. \$15.

**Copper Solution, Ammoniated.** Excellent spray for carnation rust. Good for leaf blight or mildew. One quart is sufficient for 25 gallons of spray. Qt. 75 cts., gal. \$1.75.

**Fir-Tree-Oil Soap.** A formula of fir-tree oil, prepared in soap form and preferred by some. It will do all claimed for the fluid preparation.  $\frac{1}{2}$  lb. tins 25 cts., 2 lbs. 75 cts.

**Fungine.** An infallible remedy for mildew, rust, wilt, bench-rot and other blights affecting flowers, fruit and vegetables. Highly endorsed by leading growers. It is equally effective under glass and out-of-doors. A spraying material which is diluted with water, and does not stain the foliage.  $\frac{1}{2}$  pt. 30 cts., pt. 40 cts., qt. 75 cts., gal. \$2, 10-gal. keg \$15,  $\frac{1}{2}$  bbl. (25 gallons) \$31.25.

By special arrangements with the manufacturers, we can send the following sizes, express prepaid:  $\frac{1}{2}$  pt. 50c., pt. 75c., qt. \$1.15.

**Grape Dust.** For mold, mildew or rust-mites, either in the greenhouses or open air. 5 lbs. 40 cts., 10 lbs. 70 cts., 25 lbs. \$1.50.

**Kerosene Emulsion.** Diluted in water, this makes an excellent spray for mild forms of scale and soft lice of any kind, such as infest rose and fruit bushes, vegetables and trees. Liquid diluted one part to twenty parts of water. Liquid. Qt. 30c., gal. 85c., 5 gals. \$3.50.

**Lemon Oil.** Odorless and poisonous; one to thirty to fifty parts of water. Destroys mealy bug, scale, thrips, red spider, black and green fly, caterpillar, etc.  $\frac{1}{2}$  pt. 25 cts., pt. 40 cts., qt. 75 cts.,  $\frac{1}{2}$  gal. \$1.25, gal. \$2.

**Nico-Fume Liquid.** This preparation is used similar to Nicotidine, and is used by many of the leading growers.  $\frac{1}{4}$  lb. can 60 cts., lb. can \$2, 4 lbs. \$7, 8 lbs. \$13.50.

**Nico-Fume Paper.** This is a paper treated with nicotine, giving off dense fumes of strong nicotine when ignited. It is also used for tying near blooms of chrysanthemums in early fall to keep down insects. Preferred by many who do not wish to spray or vaporize. Box of 24 sheets \$1, box of 144 sheets \$4.50, box of 288 sheets \$8.50.

**Nicotidine.** Used as a spray or as a vapor, principally in the latter way. We have a special lamp which has a tin saucer above it in which is placed the material (quantity to be determined by cubic feet of air-space in the greenhouse) and the nicotine fumes are thus distributed. It is very effective in destroying thrip, aphid, white fly, red spider, etc.  $\frac{1}{4}$  pt. 70 cts.,  $\frac{1}{2}$  pt. \$1.25, pt. \$2.50, qt. \$4.50,  $\frac{1}{2}$  gal. \$8.25, gal. \$15.

**Nikoteen.** One of the milder forms of tobacco or nicotine preparations, used extensively for spraying; also for vaporizing. Pt. \$1.50, gal. \$12, case of 10 pts. \$14.50.

**Nikotiana.** Is a 12 per cent solution for vaporizing and spraying. Less concentrated than other nicotine products, it is nevertheless equally effective at proportionate strength and fully as economical. Where a nicotine solution is desired, Nicotiana will meet all the requirements. Qt. \$1.50, gal. \$4.50.

**Scalecide.** An effective remedy to be applied in dormant season for San José scale. Qt. 45 cts., gal. \$1, 5 gals. \$3.25, 10 gals. \$6, 30-gal. bbl. \$16, 30-gal. jacketed tin \$15, 50-gal. bbl. \$25.

**Scaleine.** Scale-killer and fungicide combined. May be used as summer spray for red spider, aphid, and fungus affecting trees and shrubs. Qt. 75 cts., gal. \$1.50, 10-gal. keg \$10, half-bbl. (25 gallons) \$21.85, bbl. (50 gallons) \$37.50.

**Sulphur.** Used principally in greenhouses for checking mildew (see below for Campbell's Sulphur Vaporizer). Lb. 10 cts., 5 lbs. 40 cts., 10 lbs. 60 cts., 100 lbs. \$5.

**Sulpho-Tobacco Soap.** For plants, trees, cattle, poultry, etc. 3-oz. pkg. 10 cts., 8-oz. pkg. 20 cts.

**Tar Liquid.** A preparation of liquid tar, used for healing wounds on trees. Very highly recommended. Gal. 75 cts., 2 gals. \$1, 5 gals. \$2.25,  $\frac{1}{2}$  bbl. (30 gallons) \$9, bbl. (50 gallons) \$12.50.

**Tobacco Dust (Kilmdead).** The best of the tobacco dusts for dusting or fumigating. Lb. 10 cts., 5 lbs. 40 cts., 25 lbs. \$1.25, 50 lbs. \$2.25, 100 lbs. \$4.

**Tobacco Stems.** Used for fumigating and under benches in greenhouses. Bale of 100 lbs. \$1.50.

**Vermine.** A soil sterilizer and germicide for all soil vermin, such as cut-eel, wire- and grub-worms, slugs, root-lice, maggots and ants. Use one part of Vermine to four hundred parts of water, thoroughly soaking the ground. It does its work effectively without injury to vegetation and protects your crops and lawns against the ravages under the soil. Pt. 65 cts., qt. \$1, gal. \$3, 5-gal. keg \$12.50,  $\frac{1}{2}$  bbl. (25 gallons) \$56.25.

**Whale- or Fish-Oil Soap.** For mild forms of scale, and is an excellent summer spray, when something stronger cannot be used, where the San José scale exists. It is good for washing off lemon trees, oleanders and almost anything that would be infested with a soft-shelled or in fact almost any kind of insect. Dissolved in water according to various purposes. Lb. 20 cts., 5 lbs. 75 cts., 10 lbs. \$1.25, 25 lbs. \$2, 100 lbs. \$6.50.

**X-L-ALL LIQUID INSECTICIDE.** Destroys mealy bug, scale, thrip, red spider, green and black fly, caterpillars, blight and all insect pests in the garden; it is perfectly safe to use on tender plants. For the winter dressing of vines, figs, peaches and other fruit trees, it has been proved to be the safest and most valuable preparation in the market. Leaves the foliage bright and clean, and much improved in appearance. Qt. \$1,  $\frac{1}{2}$  gal. \$1.75, gal. \$3.50.

**X-L-All Vaporizing Compound.** A liquid product similar to Nicotidine, used largely in England and also in United States.

No. 1 bottle contains sufficient for 40,000 cubic feet of space. \$8 00  
No. 2 bottle contains sufficient for 20,000 cubic feet of space. 4 50  
No. 3 bottle contains sufficient for 10,000 cubic feet of space. 2 25  
Vaporizer for above, see below.

## Fumigators and Vaporizers

**Fumigator, "Eureka."** For fumigating with tobacco stems.

No. 1, holds  $\frac{1}{2}$  peck stems. \$1 50  
No. 2, holds 1 peck stems. 2 00  
No. 3, holds  $\frac{1}{2}$  bushel stems. 2 50

**Vaporizing Lamp, Defiance.** Practical and indestructible; all metal; burns kerosene; used for dispensing fumes of Nico-Fume and other preparations of this sort. 50 cts. each.

**Vaporizer, Campbell's Patent Sulphur.** Designed to vaporize sulphur in greenhouses without danger. Most useful for killing mildew and other fungous diseases.

No. 1, for houses up to 5,000 cubic feet of space. \$6 00  
No. 2, for houses up to 10,000 cubic feet of space. 7 50

**Glass Balls** for above. Box of 6, 15 cts.

**Yellow Powder.** Tin, 20 cts.

**Hollow or Solid Wicks** for either size. 15 cts.

**X-L-All Vaporizer.** For dispensing fumes of X-L-All compounds. Lamp and stand complete. \$1 50  
Smaller size, complete. 1 25

# CHARCOAL, COCOANUT FIBER, PEAT AND MOSS

**Charcoal.** For prices and sizes, see inside of back cover.

**Cocoanut Fiber.** Excellent material for use in growing bulbs without drainage. 5 lbs. 20 cts., 25 lbs. 75 cts., 50 lbs. \$1.25, 100 lbs. \$2.

**Leaf-Mold.** Used for preparing rhododendron beds. Bbl. \$3.

**Moss, Live Green Sphagnum.** Freshly gathered in season. Bbl. \$2.50.

**Moss, Dry Sphagnum.** Large bale \$3.

**Moss, Sheet, Natural Green.** For covering the pots or tubs of large plants. Sheets range in size about 1 foot wide and from 2 to 5 feet long. Bale, about 2 bus., \$5.

**Peat (Osmundi).** For orchids. Bbl. \$2.50.

**Peat, Rotted, Fibrous.** An excellent material for mixing with potting soil for many plants. This peat has been dug from an old bog and exposed for a number of years until it has become thoroughly decayed. Bbl. \$2.50.



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Tomato.....	41

## Special Window-Garden Collection of Hyacinths

We have selected six of the best varieties listed on page 11 which are especially adapted for window-garden culture: Pink, Gigantea; Red, Robert Steiger; White, L'Innocence; Light Blue, Regulus; Dark Blue, Marie; Yellow, Ida.

6 bulbs, one of each variety.....	\$0 75
18 bulbs, three of each variety.....	2 00
36 bulbs, six of each variety.....	3 50

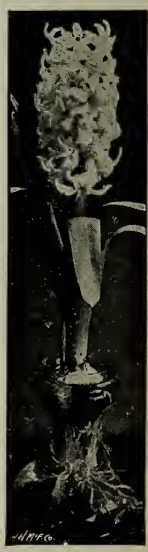
## Hyacinth Glasses

Hyacinths can be easily and successfully grown in water, giving good spikes of bloom. Single varieties are generally used. *Cannot be sent by mail.*

Belgian or Tye Shapes. In 5 shades—Crystal, Blue, Green, Amber and Amethyst, Belgian shape, 20 cts. each, \$2 per doz. Tye shape, 25 cts. each, \$2.50 per doz.



Belgian



Tye



*Stumpp & Walter Co*  
*30-32 Barclay St.*  
*New York.*

*P. O. Box 165.*







**TERMS.**—While we exercise the greatest care to have all Seeds pure and reliable, and all Bulbs and Plants true to name and of best quality, we give no warranty, express or implied, as to description, quality, production, or any other quality, productiveness, or any other matter of any Seeds, Bulbs or Plants we send out, and we will not be responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned. *All claims must be made within 5 days after receipt of goods.*

AMOUNT ENCLOSED

§ \_\_\_\_\_

*P. O. Box, Street,  
or Rural Delivery* .....

Only if different from Post Office

State if wanted by Mail, Express or Freight

That we may enter for Catalogs

We are pleased to call our patrons' attention to our Special Free Delivery Offer on inside front cover of our Catalog.

Most of the Bulbs offered in this catalog are ready for shipment in September; a few varieties are late-maturing and will be forwarded in October and November.







# FERTILIZERS

Our list contains the very best and most modern kinds.  
We can quote special prices on carload quantities

All prices subject to market  
changes

## S. & W. Co.'s Bone Fertilizers

### No. 1 Bone Dust for Quick Acting.

50 cts., 25 lbs. \$1, 50 lbs. \$1.60, 100 lbs. \$3, ton \$50.

### No. 2 Bone Dust for General Use.

5 lbs. 25 cts., 10 lbs. 40 cts., 25 lbs. \$1.00, 50 lbs. \$1.60, 100 lbs. \$3, ton \$45.

### No. 3 Crushed Bone for Vines and Trees.

50 lbs. \$1.60, 100 lbs. \$3, ton \$50.

### S. & W. Co.'s Charcoal.

Excellent for mixing with soil for pot-plants, also for vines. Three sizes, No. 1, Powdered; No. 2, Medium; No. 3, Lumps, 3 to 4 inches. Any size, per bag of 50 lbs., \$1.25.

### S. & W. Co.'s Potato Manure.

This brand is our leader, and is manufactured from a bone and meat basis, and is high in analysis and a strictly high-grade fertilizer. It is a brand that has given universal satisfaction for all root-crops, and it is unequalled for potatoes, gardening or truck farming. 50 lbs. \$1.75, 100 lbs. \$3, 500 lbs. \$12, 1,000 lbs. \$22.50, ton \$42.

A fine ground bone of the best quality that is immediately available. As a top-dressing or for mixing with soil will be found very effective. 5 lbs. 30 cts., 10 lbs.

A bone dust about pinhead size with a fair percentage of bone flour. Excellent for top-dressing lawns as well as good for mixing with soil. Sold largely to carnation and rose-growers for top-dressing and for mixing with soil. 5 lbs. 25 cts., 10 lbs. 40 cts., 25 lbs. \$1.00, 50 lbs. \$1.60, 100 lbs. \$3, ton \$45.

Largely used for vines, trees and shrubs. About the size of a bean. Very effective and lasting. 5 lbs. 30 cts., 10 lbs. 50 cts., 25 lbs. \$1,

### S. & W. Co.'s General Garden Fertilizer.

This fertilizer is for general garden work for vegetables, flowers and fruits. 10 lbs. sufficient for space 15 x 15, 500 lbs. to the acre. 5 lbs. 25 cts., 10 lbs. 45 cts., 25 lbs. \$1, 50 lbs. \$1.75, 100 lbs. \$3, ton \$45.

### S. & W. Co.'s Corn Fertilizer.

This is a brand which many farmers prefer to use that have sufficient quantities of stable manure for broadcast application, using this brand in the hill or drill. We have many testimonials as to its quality for growing splendid crops of corn. 50 lbs. \$1.75, 100 lbs. \$3, 500 lbs. \$11, 1,000 lbs. \$20, ton \$37.

## GENERAL LIST OF FERTILIZERS

### ASHES, CANADA HARDWOOD.

Quantity required: Apply one to two tons per acre, as one heavy application will help much more than the same quantity would applied in fractions. Bbl. of about 200 lbs. \$3, ton of 2,000 lbs., in bbls., \$24; by car, \$22 per ton.

### BASIC SLAG.

See Phosphate.

### BON ARBOR.

A complete plant-food. High in nitrogen, potash and phosphoric acid. 1/2-lb. package, makes fifteen gallons liquid, 25 cts., 1-lb. package 50 cts., 5-lb. package \$1.80. Circular on application.

### "BONORA," "NATURE'S PLANT-FOOD."

5 lbs. making 140 gallons, \$2.50, 1/4-lb. package 25 cts., 1-lb. package 50 cts. Circular and further information on application.

### BOWKER'S AMMONIATED FOOD FOR FLOWERS.

Made especially for plants grown in the conservatory, house or garden; clean, free from offensive odor. Full directions with each package. Small size, 15 cts., large size 25 cts.; by mail, 20 cts. and 30 cts.

### CLAY'S CELEBRATED FERTILIZER.

In bags, 1 cwt. (112 lbs.) \$7, 1/2cwt. (56 lbs.) \$4, 1/4cwt. (28 lbs.) \$2.25, 1/8cwt. (14 lbs.) \$1.25.

### COW- or CATTLE-MANURE, Shredded.

One sack of this is equal to one cart-load of fresh cow-manure, is convenient to handle, making it possible for everyone to get this usually scarce article at all times. In 100-lb. sacks only. 100 lbs. \$2.50, 500 lbs. \$11.25, 1,000 lbs. \$20, ton \$35.

### DRIED BLOOD.

Fourteen per cent ammonia. Excellent for carnations. 10 lbs. 75 cts., 50 lbs. \$3, 100 lbs. \$5.

### EMERALD LAWN DRESSING.

A clean, portable and convenient lawn dressing, which we have found to be never-failing in inducing a rapid and rich green growth. It should be sown broadcast in the spring or fall, though it can be put on during the summer without injury or danger of burning the grass, and a remarkable improvement will soon be observed. It is in every way more desirable than manure. The use of Emerald Lawn Dressing entirely does away with the old practice of top-dressing lawns with stable manure. Quantity required: A 10-lb. package is sufficient to go over an area of 300 square feet, or for forming a new lawn, from 1,000 to 1,500 lbs. per acre, or a smaller quantity for renovating an old one. 5 lbs. 25 cts., 10 lbs. 45 cts., 25 lbs. \$1, 50 lbs. \$1.75, 100 lbs. \$3, 500 lbs. \$12.50, 2,000 lbs. (ton) \$45.

### FARMOGERM.

High-bred nitrogen-fixing bacteria. Farmogerm is put up in bottles in the following sizes: Garden size, containing material to treat the seeds for one-sixth acre of land, 50 cts.; acre-size, containing material to treat the seeds for one acre, \$2; five-acre size, containing material to treat the seeds for five acres of land, \$9. For the following crops in acre-sizes: Red Clover, Mammoth Clover, Crimson Clover, White Clover, Burr Clover, Sweet Clover, Alsike, Alfalfa, Berseem, Peanuts, Vetch, Lupins, Garden Beans, Garden Peas, Sweet Peas, Cowpeas, Canadian Field Peas, Soy Beans, and all other legumes. In garden size for Peas, Beans and Sweet Peas; also a mixed culture good for all three. In ordering, state what crop you wish to plant, quantity wanted, and ask for book on the Farmogerm Method.

### LIME, R. R. AGRICULTURAL.

This Lime is specially prepared for use on the soil, and is a combination of calcium hydrate and calcium carbonate, finely pulverized. Quantity required: Heavy soils, 2,000 to 6,000 lbs. per acre. Light, sandy soils, 1,000 to 3,000 lbs. per acre, according to their apparent need. Per 100-lb. bag, \$1.25, 500 lbs. \$5, ton \$14. In lots of 3 tons or over, \$12.50 per ton, carload lots \$9 per ton, f. o. b. New York.

### MURIATE OF POTASH.

A form of potash salts to be used with bone meal, bone and blood, or farm manures, on fruits, celery, asparagus, corn, oats, turnips, cucumbers, grapes, carrots, onions, peas, clover and beans. Must not be used on hops, potatoes, tobacco, flax, sugar beets, cabbage or cauliflower. 50 to 400 lbs. per acre. 5 lbs. 30 cts., 10 lbs. 50 cts., 25 lbs. \$1, 50 lbs. \$1.85, 100 lbs. \$3.50, 200 lbs. \$6.50, 500 lbs. \$15.50. Write for prices on ton lots.

### NITRATE OF SODA.

Quantity required: Being extremely soluble, it is usually applied after the plants are above ground. 100 to 500 lbs. per acre. 5-lb. package, 40 cts., 10-lb. package 70 cts., 25-lb. bag \$1.50, 50-lb. bag \$2.50, 100 lbs. \$4.50.

### PHOSPHATE, High-Grade Acid or Rock.

Apply 1,000 lbs. per acre. Used for mixing with other fertilizers to increase the phosphoric acid analysis. In 200-lb. sacks only, \$2, ton \$14.50.

### PHOSPHATE, Thomas' Basic Slag.

Contains proper elements to produce a rich luxuriant growth; apply 600 to 800 lbs. per acre. 200-lb. bag, \$2.75; per ton, \$22.

### PLANT-FOOD.

See Bowker's Ammoniated Food for Flowers.

### SALT.

For agricultural purposes, asparagus beds and putting on walks and roads to kill weeds. Apply 600 to 800 lbs. per acre in early spring. 10 lbs. 20 cts., 25 lbs. 30 cts., 50 lbs. 55 cts., 100 lbs. \$1, 200 lbs. \$1.50, ton \$10.

### SCOTCH SOOT.

Genuine imported. For stimulating healthy growth of dark green foliage, and it will free the soil of slugs, grubs and cut-worms. 10 lbs. 60 cts., 50 lbs. \$2.50, 100 lbs. \$4.

### SHEEP-MANURE, PURE PULVERIZED.

A pure, natural nutritious manure. Immediate and lasting in effect. Excellent for mixing with the soil for greenhouse plants. In the vegetable garden it promotes a rapid, steady growth until maturity. It makes a rich liquid manure. Quantity required: For garden and field crops, one to two tons per acre; one-half before plowing, the balance before harrowing. For top-dressing grass, use 1 ton per acre, applied in fall or early spring. 100-lb. bag \$2, ton of 2,000 lbs. \$30. In packages of 2 lbs. 15 cts., 5 lbs. 25 cts., 10 lbs. 40 cts.

### SULPHATE OF POTASH.

Apply 100 to 125 lbs. per acre, usually with other fertilizers. On account of its great strength it must be used judiciously. Valuable for root- and grain-crops. Analysis, equal to 50 per cent of actual potash. 1 lb. 10 cts., 5 lbs. 40 cts., 10 lbs. 70 cts., 25 lbs. \$1.50, 50 lbs. \$2.25, 100 lbs. \$4, 200 lbs. \$7.25.

### THOMSON'S VINE, PLANT AND VEGETABLE MANURE.

28 lbs. \$1.75, 56 lbs. \$3.50, 112 lbs. \$6.75.

### THOMSON'S SPECIAL CHRYSANTHEMUM AND TOP-DRESSING MANURE.

An excellent stimulant. 7-lb. bag, \$1.50, 14-lb. bag \$2.50, 28-lb. bag \$4, 56-lb. bag \$7.

### WOOD ASHES.

See Ashes, Canada Hardwood.



GIANT

DARWIN TULIPS

ARIADNE

DREAM

KING HAROLD

PSYCHE

*Stumpp & Walter Co*

30 & 32 BARCLAY ST.  
NEW YORK